



CLOSURE REQUEST REPORT

Site Location:

**Clearwater Compressor Station
Eddy County, New Mexico
Incident Number: nAPP2127263561**

May 19, 2022

Ensolum Project No. 03A2013001

Prepared for:

**Lucid Energy Group
201 S. 4th Street
Artesia, NM 88210
Attention: Michael Gant**

Prepared by:

A handwritten signature in black ink, appearing to read "Joseph S. Hernandez".

Joseph S. Hernandez
Senior Geologist

A handwritten signature in black ink, appearing to read "Ashley L. Ager".

Ashley Ager, M.S., P.G.
Program Director, Geologist

Clearwater Compressor Station
Incident Number: nAPP2127263561
Closure Request Report
May 19, 2022



TABLE OF CONTENTS

1.0 INTRODUCTION	1
1.1 Site Description & Release Background	1
1.2 Site Characterization	1&2
1.3 Project Objective	2
2.0 REMEDIATION ACTIONS	2
2.1 Excavation Activities	2&3
2.2 Waste Handling	3
3.0 SOIL SAMPLING RESULTS	3
4.0 FINDINGS AND CONCLUSIONS	3

APPENDICES

Appendix A:	Figure 1 – Site Map Figure 2 – Excavation Soil Sample Locations
Appendix B	Referenced Well Log
Appendix C:	Photographic Documentation
Appendix D:	Tables
Appendix E:	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix F:	Correspondence Emails
Appendix G:	C141 Closure Request Form

1.0 INTRODUCTION

Ensolum, LLC (Ensolum) has prepared this Closure Request Report (CRR) to document remediation corrective actions completed in accordance with New Mexico Oil and Conservation Division (NMOCD) guidelines and performed by Lucid Energy Group (Lucid) at the Clearwater Compressor Station (hereinafter referred to as the "Site") in Unit M, Section 35, Township 23 South, Range 28 East, in Eddy County, New Mexico (**Figure 1 in Appendix A**). Based on excavation activities and results of the soil sampling events, Lucid is submitting this CRR, describing remediation that has occurred and requesting no further action (NFA) for Incident Number nAPP2127263561.

1.1 Site Description and Release Background

The Site is located within Eddy County, New Mexico (32.257703° N, 104.064655° W) and is associated with oil and gas exploration and production operations on Private Land (**Figure 1 in Appendix A**).

On September 28, 2021, a broken connection on the glycol pump sprayed glycol on the dehydrator which ignited and caused a fire. No residual glycol fluids were able to be recovered immediately. The area of concern is depicted on **Figure 2 in Appendix A**. Lucid immediately reported the release to the NMOCD via email and with a Corrective Action Form C-141 (Form C-141) on September 29, 2021. The release was assigned Incident Number nAPP2127263561. Remediation efforts were initially delayed due to the removal of production equipment to allow for impacted soil to be removed from the subject release area. Remediation activities were initiated by Lucid and subsequently assigned to Ensolum based on volume of identified stained soil in the subject release area. Ensolum submitted a 60-day extension request on behalf of Lucid which was approved by the NMOCD on April 19, 2022.

Ensolum completed excavation oversight, confirmation sampling and reporting efforts for the subject release. A description of confirmation sampling activities is provided in subsequent sections.

1.2 Site Characterization

Ensolum characterized the Site according to Table 1, Closure Criteria for Soils Impacted by a Release, from Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC).

Depth to groundwater at the Site is estimated to be less than 50 feet below ground surface (bgs) based a United States Geological Survey (USGS) water well 321526104033201, located 0.31 miles east of the Site. The water well has a reported depth to groundwater of 20.44 feet bgs. The well record is provided in **Appendix B**.

The closest continuously flowing or significant watercourse to the Site is the Pecos River, located approximately 6,958 feet southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (medium potential karst designation area). Results

from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential site receptors are identified on **Figure 1 in Appendix A**.

Based on the desktop review of nearby receptors and depth to groundwater determination at the Site, the following NMOCD Table 1 Closure Criteria were applied (**Figure 1 in Appendix A**):

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total Petroleum Hydrocarbon (TPH): 100 mg/kg
- Chloride: 600 mg/kg

1.3 Project Objective

The primary objectives of Ensolum's scope of services were to document that remediation actions performed at the Site were completed in accordance with the applicable NMOCD regulatory guidelines and to document those concentrations of constituents of concern (COCs) in soil remaining on-Site were less than the applicable Closure Criteria for the Site.

2.0 REMEDIATION ACTIONS

Ensolum conducted soil sampling activities at the Site to verify the presence or absence of soil impacts associated with the subject release and oversaw excavation efforts to remove impacted soil. Approximately 60 cubic yards of impacted soil were removed from the Site and disposed of under Lucid-approved manifests.

2.1 Excavation Activities

On April 20, 2022, excavation activities were conducted by Ensolum to remove impacted soil associated with the subject release area via heavy equipment. Excavation activities were directed by field screening soil within the subject release area for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips.

Following removal of impacted soil, Ensolum collected composite soil samples at a sampling frequency of up to 200 square feet from the sidewalls and floor of the excavation to confirm impacted soil above the Closure Criteria was successfully removed. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples SW01 through SW04 were collected from the sidewalls of the excavation at depths ranging from the ground surface to approximately 2 feet bgs. Composite soil samples FS01 through FS02 were collected from the floor of the excavation at a depth ranging of 2 feet bgs.

The soil samples were placed directly into a pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported at or below 4 degrees Celsius (°C), under strict chain-of-custody procedures, to Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico, for

analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH following EPA Method 8015M/D; and chloride following EPA Method 300.0.

The approximate extent of excavation and confirmation soil sample locations is provided on **Figure 2 Appendix A**. Photographic documentation of remediation activities is included in **Appendix C**.

2.2 Waste Handling

At the completion of remediation action activities, approximately 60 cubic yards of impacted soil were excavated and transported for disposal to a R360 Environmental Solutions, LLC and Lea Land, LLC in accordance with state and federal regulations.

3.0 SOIL SAMPLING RESULTS

Final laboratory analytical results for confirmation soil samples were below the Closure Criteria for the Site. Laboratory analytical results are summarized in the **Table 1** included in **Appendix D**. The executed chain-of-custody forms and laboratory analytical reports are provided in **Appendix E**. **Appendix F** provides correspondence email notification receipts associated with the release.

4.0 FINDINGS AND CONCLUSIONS

Based on the results documented in this CRR, the following findings and conclusions regarding the Site are presented:

- Based on laboratory analytical results associated with final confirmation excavation soil samples, concentrations of COCs greater than the NMOCD applicable Closure Criteria were not identified in soil remaining on-Site; and
- Approximately 60 cubic yards of impacted soil were excavated and removed from the Site for disposal in accordance with state and federal regulations.

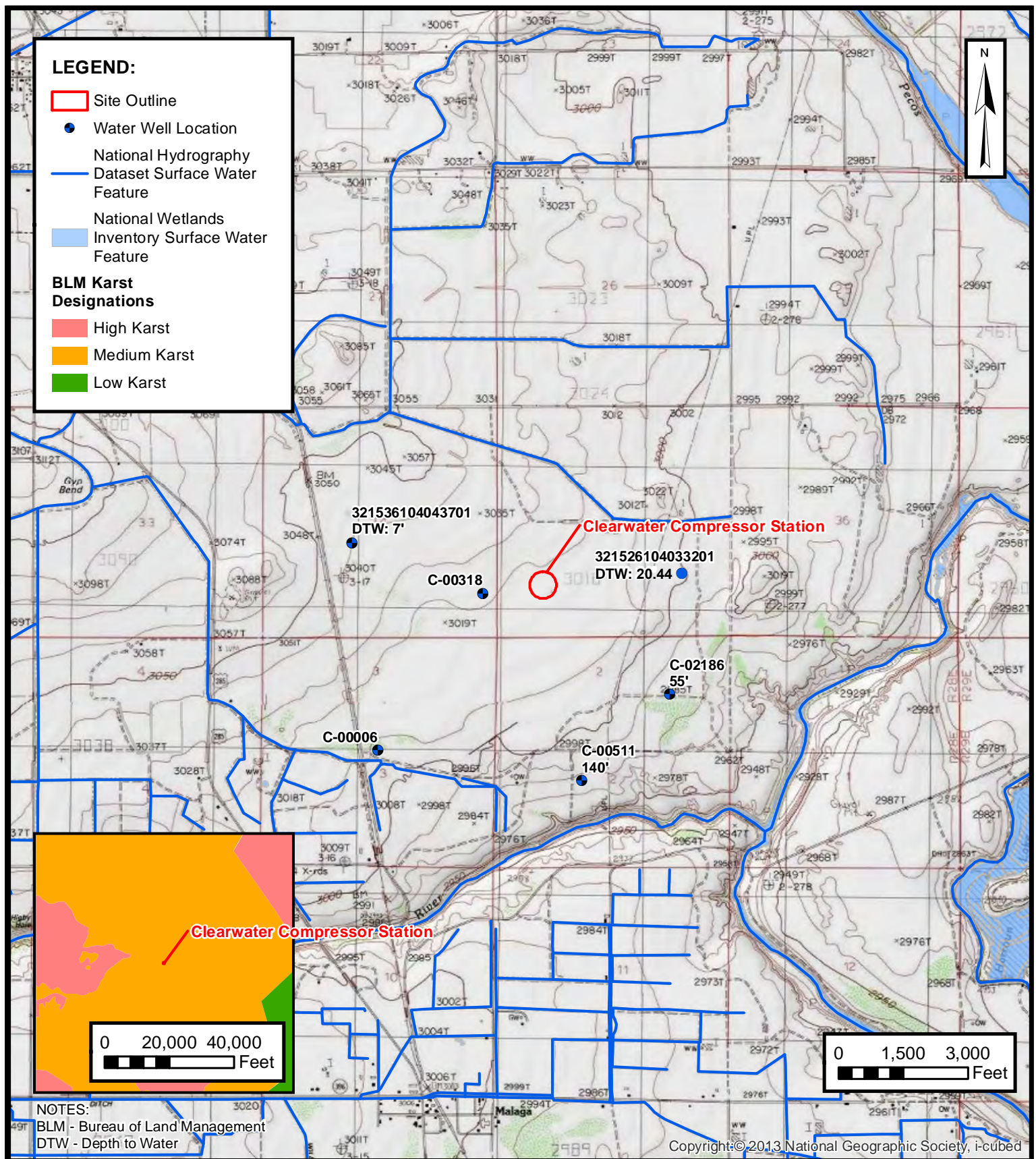
Subsequent to the completion of excavation and receipt of soil confirmation sample results documenting that impacted soil had been removed, the excavation will be backfilled with clean, imported soil and restored to "as close to its original state" as possible.

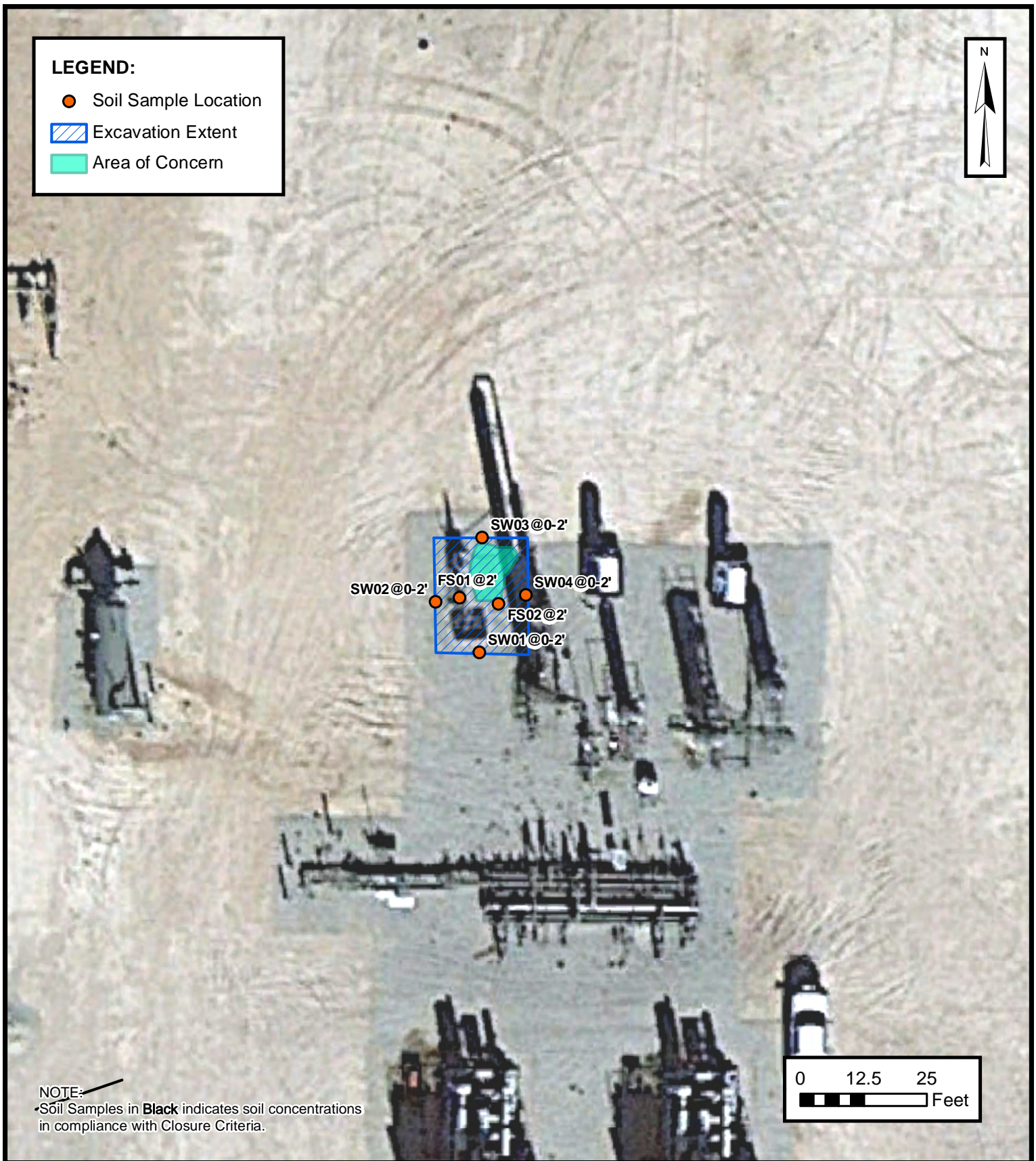
Based on the findings and conclusions of this report, NFA appears warranted at this time and the Site should be respectfully considered for closure by the NMOCD.



APPENDIX A

Figures





EXCAVATION SOIL SAMPLE LOCATIONS

LUCID ENERGY GROUP
CLEARWATER COMPRESSOR STATION
County, New Mexico
32.257508° N, 104.065000° W

PROJECT NUMBER: 03A2013001



APPENDIX B

Referenced Well Log



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
United States

GO

Click to hideNews Bulletins

- Explore the NEW [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for the Nation

Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321526104033201

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 321526104033201 23S.28E.35.341144

Eddy County, New Mexico
Latitude 32°15'26", Longitude 104°03'32" NAD27
Land-surface elevation 3,016 feet above NAVD88
The depth of the well is 250 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1978-02-01			D 62610		2992.99	NGVD29	1		Z	
1978-02-01			D 62611		2994.55	NAVD88	1		Z	
1978-02-01			D 72019	21.45			1		Z	
1983-01-26			D 62610		2998.64	NGVD29	1		Z	
1983-01-26			D 62611		3000.20	NAVD88	1		Z	
1983-01-26			D 72019	15.80			1		Z	
1987-10-16			D 62610		2998.85	NGVD29	1		Z	
1987-10-16			D 62611		3000.41	NAVD88	1		Z	
1987-10-16			D 72019	15.59			1		Z	
1993-02-02			D 62610		2993.41	NGVD29	1		S	
1993-02-02			D 62611		2994.97	NAVD88	1		S	
1993-02-02			D 72019	21.03			1		S	
1995-07-18			D 62610		2989.95	NGVD29	1		S	
1995-07-18			D 62611		2991.51	NAVD88	1		S	
1995-07-18			D 72019	24.49			1		S	
1996-01-25			D 62610		2994.00	NGVD29	1		S	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1996-01-25		D	62611		2995.56	NAVD88	1	S		
1996-01-25		D	72019	20.44			1	S		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[News](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>

Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2022-05-12 15:08:26 EDT

0.32 0.27 nadww02





APPENDIX C

Photographic Documentation

**Photographic Log**

Lucid Energy Group
Clearwater Compressor Station - Project Location
Ensolum Job Number: 03A2013001

**Photograph 1**

Date: April 20, 2022

Description: View of the Area of Concern

**Photograph 2**

Date: April 20, 2022

Description: View of the Site during excavation activities

**Photograph 3**

Date: April 20, 2022

Description: View of the Site following excavation activities

**Photograph 4**

Date: April 20, 2022

Description: View of the Site following excavation activities



APPENDIX D

Tables



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Lucid Energy Group - Clearwater Compressor Station
 Eddy County, New Mexico

Ensolum Project No. 03A2013001

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Excavation Sidewall Soil Sample Analytical Results									
SW01	4/20/2022	0 - 2	<0.025	<0.10	<4.9	<9.8	<49	<49	230
SW02	4/20/2022	0 - 2	<0.024	<0.10	<4.8	<9.5	<47	<47	160
SW03	4/20/2022	0 - 2	<0.024	<0.10	<4.9	<9.8	<49	<49	82
SW04	4/20/2022	0 - 2	<0.025	<0.10	<5.0	<9.7	<48	<48	210
Excavation Floor Soil Sample Analytical Results									
FS01	4/20/2022	2	<0.025	<0.10	<5.0	<9.6	<48	<48	81
FS02	4/20/2022	2	<0.024	<0.10	<4.8	<9.9	<49	<49	280

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

MRO: Motor Oil Range Organics

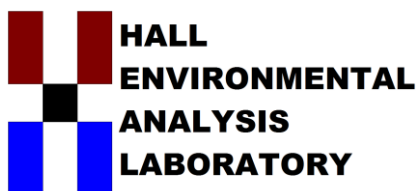
TPH: Total Petroleum Hydrocarbon

Concentrations in **bold** exceed the NMOCD Table 1 Closure Criteria for Soils Impacted by a Release



APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation



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

May 02, 2022

Michael Gant
Lucid Energy
201 South 4th St.
Artesia, NM 88210
TEL:
FAX

RE: Clearwater Compressor Station nAPP2127263561

OrderNo.: 2204995

Dear Michael Gant:

Hall Environmental Analysis Laboratory received 6 sample(s) on 4/22/2022 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 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 #NM0901

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

Analytical Report

Lab Order 2204995

Date Reported: 5/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Lucid Energy

Client Sample ID: FS01

Project: Clearwater Compressor Station nAPP212

Collection Date: 4/20/2022 3:15:00 PM

Lab ID: 2204995-001

Matrix: SOIL

Received Date: 4/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: ED
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/27/2022 8:17:20 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/27/2022 8:17:20 PM
Surr: DNOP	89.2	51.1-141		%Rec	1	4/27/2022 8:17:20 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/26/2022 3:28:53 AM
Surr: BFB	96.8	37.7-212		%Rec	1	4/26/2022 3:28:53 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	4/26/2022 3:28:53 AM
Toluene	ND	0.050		mg/Kg	1	4/26/2022 3:28:53 AM
Ethylbenzene	ND	0.050		mg/Kg	1	4/26/2022 3:28:53 AM
Xylenes, Total	ND	0.10		mg/Kg	1	4/26/2022 3:28:53 AM
Surr: 4-Bromofluorobenzene	95.6	70-130		%Rec	1	4/26/2022 3:28:53 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	81	60		mg/Kg	20	4/27/2022 9:55:12 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204995

Date Reported: 5/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Lucid Energy

Client Sample ID: FS02

Project: Clearwater Compressor Station nAPP212

Collection Date: 4/20/2022 3:30:00 PM

Lab ID: 2204995-002

Matrix: SOIL

Received Date: 4/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: ED
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/27/2022 8:28:05 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/27/2022 8:28:05 PM
Surr: DNOP	82.9	51.1-141		%Rec	1	4/27/2022 8:28:05 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/26/2022 4:15:44 AM
Surr: BFB	99.7	37.7-212		%Rec	1	4/26/2022 4:15:44 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/26/2022 4:15:44 AM
Toluene	ND	0.048		mg/Kg	1	4/26/2022 4:15:44 AM
Ethylbenzene	ND	0.048		mg/Kg	1	4/26/2022 4:15:44 AM
Xylenes, Total	ND	0.096		mg/Kg	1	4/26/2022 4:15:44 AM
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	4/26/2022 4:15:44 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	280	60		mg/Kg	20	4/27/2022 10:07:37 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Page 2 of 10

Analytical Report

Lab Order 2204995

Date Reported: 5/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Lucid Energy

Client Sample ID: SW01

Project: Clearwater Compressor Station nAPP212

Collection Date: 4/20/2022 3:35:00 PM

Lab ID: 2204995-003

Matrix: SOIL

Received Date: 4/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: ED
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/27/2022 8:38:46 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/27/2022 8:38:46 PM
Surr: DNOP	94.8	51.1-141		%Rec	1	4/27/2022 8:38:46 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/26/2022 4:39:17 AM
Surr: BFB	96.2	37.7-212		%Rec	1	4/26/2022 4:39:17 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	4/26/2022 4:39:17 AM
Toluene	ND	0.049		mg/Kg	1	4/26/2022 4:39:17 AM
Ethylbenzene	ND	0.049		mg/Kg	1	4/26/2022 4:39:17 AM
Xylenes, Total	ND	0.099		mg/Kg	1	4/26/2022 4:39:17 AM
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	4/26/2022 4:39:17 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	230	60		mg/Kg	20	4/27/2022 10:20:02 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Page 3 of 10

Analytical Report

Lab Order 2204995

Date Reported: 5/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Lucid Energy

Client Sample ID: SW02

Project: Clearwater Compressor Station nAPP212

Collection Date: 4/20/2022 3:40:00 PM

Lab ID: 2204995-004

Matrix: SOIL

Received Date: 4/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: ED
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/27/2022 8:49:35 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/27/2022 8:49:35 PM
Surr: DNOP	104	51.1-141		%Rec	1	4/27/2022 8:49:35 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/26/2022 11:57:00 AM
Surr: BFB	104	37.7-212		%Rec	1	4/26/2022 11:57:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	4/26/2022 11:57:00 AM
Toluene	ND	0.048		mg/Kg	1	4/26/2022 11:57:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	4/26/2022 11:57:00 AM
Xylenes, Total	ND	0.096		mg/Kg	1	4/26/2022 11:57:00 AM
Surr: 4-Bromofluorobenzene	85.1	70-130		%Rec	1	4/26/2022 11:57:00 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	160	60		mg/Kg	20	4/27/2022 10:32:27 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Page 4 of 10

Analytical Report

Lab Order 2204995

Date Reported: 5/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Lucid Energy

Client Sample ID: SW03

Project: Clearwater Compressor Station nAPP212

Collection Date: 4/20/2022 3:50:00 PM

Lab ID: 2204995-005

Matrix: SOIL

Received Date: 4/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: ED
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/27/2022 9:00:17 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/27/2022 9:00:17 PM
Surr: DNOP	101	51.1-141		%Rec	1	4/27/2022 9:00:17 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/26/2022 12:17:00 PM
Surr: BFB	108	37.7-212		%Rec	1	4/26/2022 12:17:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	4/26/2022 12:17:00 PM
Toluene	ND	0.049		mg/Kg	1	4/26/2022 12:17:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	4/26/2022 12:17:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	4/26/2022 12:17:00 PM
Surr: 4-Bromofluorobenzene	86.7	70-130		%Rec	1	4/26/2022 12:17:00 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	82	60		mg/Kg	20	4/27/2022 10:44:52 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Page 5 of 10

Analytical Report

Lab Order 2204995

Date Reported: 5/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Lucid Energy

Client Sample ID: SW04

Project: Clearwater Compressor Station nAPP212

Collection Date: 4/20/2022 4:00:00 PM

Lab ID: 2204995-006

Matrix: SOIL

Received Date: 4/22/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: ED
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/27/2022 9:11:03 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/27/2022 9:11:03 PM
Surr: DNOP	91.3	51.1-141		%Rec	1	4/27/2022 9:11:03 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/26/2022 12:37:00 PM
Surr: BFB	106	37.7-212		%Rec	1	4/26/2022 12:37:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	4/26/2022 12:37:00 PM
Toluene	ND	0.050		mg/Kg	1	4/26/2022 12:37:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	4/26/2022 12:37:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	4/26/2022 12:37:00 PM
Surr: 4-Bromofluorobenzene	87.3	70-130		%Rec	1	4/26/2022 12:37:00 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	210	60		mg/Kg	20	4/27/2022 11:22:07 PM

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	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
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Page 6 of 10

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2204995

02-May-22

Client: Lucid Energy**Project:** Clearwater Compressor Station nAPP212726356

Sample ID: MB-67129	SampType: mblk	TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 67129	RunNo: 87560
Prep Date: 4/27/2022	Analysis Date: 4/27/2022	SeqNo: 3099548 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND	1.5

Sample ID: LCS-67129	SampType: lcs	TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 67129	RunNo: 87560
Prep Date: 4/27/2022	Analysis Date: 4/27/2022	SeqNo: 3099549 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	14	1.5 15.00 0 91.9 90 110

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
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank
E Estimated value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2204995

02-May-22

Client: Lucid Energy**Project:** Clearwater Compressor Station nAPP212726356

Sample ID: LCS-67034	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67034			RunNo: 87551						
Prep Date: 4/25/2022	Analysis Date: 4/27/2022			SeqNo: 3099378		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	102	68.9	135			
Surr: DNOP	3.9		5.000		77.7	51.1	141			

Sample ID: MB-67034	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67034			RunNo: 87551						
Prep Date: 4/25/2022	Analysis Date: 4/27/2022			SeqNo: 3099380		Units: mg/Kg				
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	8.4		10.00		83.7	51.1	141			

Sample ID: MB-67158	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 67158			RunNo: 87609						
Prep Date: 4/29/2022	Analysis Date: 4/29/2022			SeqNo: 3102248		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.7		10.00		87.0	51.1	141			

Sample ID: LCS-67158	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 67158			RunNo: 87609						
Prep Date: 4/29/2022	Analysis Date: 4/29/2022			SeqNo: 3102249		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.1		5.000		81.8	51.1	141			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

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

WO#: 2204995

02-May-22

Client: Lucid Energy**Project:** Clearwater Compressor Station nAPP212726356

Sample ID: lcs-67032	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 67032				RunNo: 87481					
Prep Date: 4/23/2022	Analysis Date: 4/25/2022				SeqNo: 3095594	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	114	72.3	137			
Surr: BFB	2300		1000		226	37.7	212			S

Sample ID: mb-67032	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 67032				RunNo: 87481					
Prep Date: 4/23/2022	Analysis Date: 4/25/2022				SeqNo: 3095595	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		107	37.7	212			

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
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank
E Estimated value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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

WO#: 2204995

02-May-22

Client: Lucid Energy**Project:** Clearwater Compressor Station nAPP212726356

Sample ID: lcs-66998	SampType: LCS				TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batch ID: 66998				RunNo: 87480					
Prep Date: 4/21/2022	Analysis Date: 4/25/2022				SeqNo: 3095535	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		104	70	130			

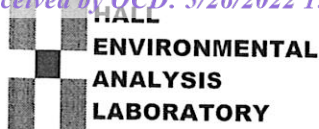
Sample ID: lcs-67032	SampType: LCS				TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batch ID: 67032				RunNo: 87481					
Prep Date: 4/23/2022	Analysis Date: 4/25/2022				SeqNo: 3095632	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	91.7	80	120			
Toluene	0.97	0.050	1.000	0	96.7	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.3	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.6	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		87.0	70	130			

Sample ID: mb-67032	SampType: MBLK				TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batch ID: 67032				RunNo: 87481					
Prep Date: 4/23/2022	Analysis Date: 4/25/2022				SeqNo: 3095633	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.85		1.000		85.5	70	130			

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
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank
E Estimated value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



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

Sample Log-In Check List

Client Name: **Lucid Energy**

Work Order Number: **2204995**

RcptNo: 1

Received By: **Cheyenne Cason**

4/22/2022 8:00:00 AM

Cason

Completed By: **Desiree Dominguez**

4/22/2022 8:52:36 AM

DD

Reviewed By: *gn 4/22/22*

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? ☐

Checked by: *Cme 4/22/22*

Special Handling (if applicable)

15. 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: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.1	Good				
2	0.4	Good				

Chain-of-Custody Record

Client: Michael Gant - Lucid Energy Group - Delaware

Mailing Address: 3100 McKisson St. #800
Dallas, TX 75201

Phone #: 314-330-7876

email or Fax#: mgant@lucid-energy.com

QA/QC Package:

☐ Standard☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC☐ Other☐ EDD (Type)

Sampler: Ben Belill

On Ice: ☒ Yes ☐ No

of Coolers: 2 2.1-0-2.1

Cooler Temp (including CF): 3.4-0-0.4

Container Type and #

Preservative Type

HEAL No. 2204995

Date Time Matrix Sample Name

4/20/22 1515 S FS01

1530 I FS02

1535 I SW01

1540 I SW02

1550 I SW03

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

1600 I SW04

Date Time

4/21/22 0900

Date Time

4/21/22 1900

Date Time

4/21/22 1900

Date Time

4/21/22 1900

Date Time

4/21/22 1900

4/21/22 1900

Turn-Around Time: Standard ☒ Rush 5 Days

Project Name: Clearwater Compressor Station - nAPP2127263561

Project #: 03A2013001

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

Project Manager: Ben Belill

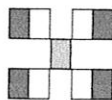
Project Manager: Ben Belill

Project Manager: Ben Belill

Remarks:

Company Code: 860 Property Code: 195221000 AFE: 300090
direct bill to Lucid Energy; email client,
jhernandez@ensolum.com/bbelill@ensolum.com for reporting receipts

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.

**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Total Coliform (Present/Absent)

8270 (Semi-VOA)

8260 (VOA)

Cl, F, Br, NO₃, NO₂, PO₄, SO₄

BCRA 8 Metals

PAHs by 8310 or 8270SIMS

EDB (Method 504.1)

8081 Pesticides/8082 PCBs

TPH:8015D(GRO / DRO / MRO)

BTEX / MTBE / TMBs (8021)



APPENDIX F

Correspondence Emails

From: [Joseph Hernandez](#)
To: ocd.enviro@state.nm.us
Cc: [Michael Gant](#); [Lucid Energy-Team](#)
Subject: Lucid Energy Group Site Activity Update for Week of April 18, 2022
Date: Monday, April 18, 2022 3:59:00 PM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

Good afternoon,

Lucid Energy Group anticipates completing remediation activities and conducting final confirmation soil sampling activities at the following site between April 20-22, 2022:

Ensolum

Site: Clearwater Compressor Station
Incident Number: nAPP2127263561



Joseph Hernandez

Senior Geologist

281-702-2329

Ensolum, LLC

in f 

From: [Bratcher, Mike, EMNRD](#)
To: [Joseph Hernandez](#); [Velez, Nelson, EMNRD](#); [Nobui, Jennifer, EMNRD](#); [Hamlet, Robert, EMNRD](#); [Enviro, OCD, EMNRD](#)
Cc: [Michael Gant](#); [Lucid Energy-Team](#)
Subject: RE: [EXTERNAL] Lucid Energy Group - Clearwater Compressor Station - Extension Request
Date: Tuesday, April 19, 2022 8:57:47 AM
Attachments: [image006.png](#)
[image007.png](#)
[image008.png](#)
[image009.png](#)

[**EXTERNAL EMAIL**]

Sorry, I forgot to add the following:

Please include a copy of this extension request and approval in your closure report in order to facilitate the documents being recorded in the project file.

Thank you,

Mike Bratcher • Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
811S. First St. | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Bratcher, Mike, EMNRD
Sent: Tuesday, April 19, 2022 7:54 AM
To: Joseph Hernandez <jhernandez@ensolum.com>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: Michael Gant <MGant@lucid-energy.com>; Lucid Energy-Team <LucidEnergyTeam@ensolum.com>
Subject: RE: [EXTERNAL] Lucid Energy Group - Clearwater Compressor Station - Extension Request

Mr. Hernandez and Mr. Gant,

Unless I am missing something here, a remediation proposal or closure report was due for this project on 12/27/2021. If this is the case, Lucid has effectively given itself a 120 day extension already. Be aware that the Division is looking more closely at these time deadlines and eventually it will be automated to generate enforcement actions as soon as an operator is out of compliance. The

Division appreciates that Lucid is willing to move equipment in order to facilitate a more thorough remediation. With that in mind, your request for an extension to June 17, 2022 is approved. Please be more observant of time constraints in the future.

Thank you,

Mike Bratcher • Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
811S. First St. | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Joseph Hernandez <jhernandez@ensolum.com>
Sent: Monday, April 18, 2022 2:59 PM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: Michael Gant <MGant@lucid-energy.com>; Lucid Energy-Team <LucidEnergyTeam@ensolum.com>
Subject: [EXTERNAL] Lucid Energy Group - Clearwater Compressor Station - Extension Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

Lucid Energy Group (Lucid) is requesting an extension to the current deadline for submitting a deferral or closure report required in 19.15.29.12.B.(1) NMAC at the Clearwater Compression Station. There was a fire discovered on September 28, 2021, that was assigned Incident Number nAPP2127263561. Remediation activities have been initiated but were suspended to remove production equipment to allow additional removal of impacted soil. To date, approximately 38 cubic yards of impacted soil has been excavated. Currently, Lucid is evaluating remedial options to address remaining impacts to ensure protection of public health and the environment, while remaining compliant with Lucid's safety guidelines. To provide enough time for remediation work and the completion of a deferral or closure report, Lucid requests an extension of the deadline to **June 17, 2022**.

Thank you,



Joseph Hernandez

Senior Geologist

281-702-2329

Ensolum, LLC

in f 



APPENDIX G

C141 Closure Request Form

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Michael Gant Title: Environmental Compliance Manager

Signature: MGant Date: 5/26/2022

email: MGant@lucid-energy.com Telephone: 3143307876

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 06/02/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 111204

CONDITIONS

Operator: LUCID ENERGY DELAWARE, LLC 201 S. Fourth Street Artesia, NM 88210	OGRID: 372422
	Action Number: 111204
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	6/2/2022