Remediation Summary & Closure Request

LH Operating, LLC
Skelly 120
Eddy County, New Mexico
Latitude 32.829465 North, Longitude 103.846453 West
Unit Letter "M, Section 14, Township 17 South, Range 31 East
NMOCD Incident # NAPP2208945302

Prepared By:

T Squared Energy Environmental Services
1057 County Road 309
Orange Grove, Tx 78372

Lindsey Nevels
Environmental Managing Partner
Lindsey@Tsquaredenergy.com

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July 12, 2022

New Mexico Energy, Minerals & Natural Resources
NMOCD District 2
C/O: Mike Bratcher & Robert Hamlet
1625 N French Drive
Hobbs, NM 88240

Bureau Of Land Management
C/O: Shelly Tucker
620 E. Green Street
Carlsbad, NM 8820

LH Operating, LLC
4809 Cole Ave, Ste 200
Dallas, Tx 79705

RE: Remediation Summary & Closure Request
LH Operating, LLC
Skelly 120
Latitude 32.829465 North, Longitude 103.846453 West
Unit Letter "M," Section 14, Township 17 South, Range 31 East
Eddy County, New Mexico
NMOCD Incident # NAPP2208945302

T Squared Energy Services, on behalf of LH Operating, LLC. submits this *Closure Request* to the New Mexico Oil Conservation Division (NMOCD). This Report provides documentation of detailed sampling and remediation actions to address the Skelly 120 release. This report serves as a condensed update on field activities undertaken at the afore referenced Site.

Project Information

The site is in Unit Letter M (SW/SW) Section 14, Township 17 South, Range 31 East. The spill area measures approximately 300 sq. ft. and is approximately 10 miles west of Maljimar, New Mexico on Federal Land. Site Map included. Latitude 32.829465 North, Longitude 103.846453

1.0 Background

On March 12 ,2022, a release was discovered on active flowline in pasture area. Approximately 0.5 BBLS of crude oil was released with 0 recovered and 0.5bbls of produced water released with 0 recovered.

Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. Remediation pages of the NMOCD Form C-141 are included as Attachment V. Topographic Map, OSE POD Locations Map, USGS Well Locations Map, Soil Bore Location Map, Delineation Map, and Excavation Map are included as Figure 1, Figure 2, Figure 3, Figure 4, Figure 5, and Figure 6 respectively.

2.0 NMOCD Site Classification:

A search of the New Mexico Office of the State Engineer (NMOSE)and United States Geological Survey (USGS)groundwater databases was completed to determine the horizontal distance to known water sources within a half-mile radius of the Release Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information.

One USGS well was located near the site with reported depth to water of 271’ below surface. However, it does not meet NMOCD criteria for age of data, distance of the data point well from the release point.
Published data shows on January 21, 2010, an investigation soil bore was drilled by use of air driller within a half of mile radius from the Skelly 120 release. The investigation soil bore was advanced to a depth of approximately 61’ indicating groundwater is greater than 50’. No moisture or groundwater was encountered during drilling activities. The location of the investigative soil bore is depicted in Figure 4. A drilling log is provided as Attachment II.

Confirmation email concerning groundwater data with EMNRD is provided as Attachment II respectively.

Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows.

Table 1			271’	51’
>100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	20,000 mg/kg	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg	10 mg/kg

* Measured in milligrams per kilogram (mg/kg)
† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).
‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D. (1) NMAC.

3.0 Delineation Activities

On June 13, 2022, T Squared conducted an initial site assessment. During the initial assessment, a series of hand augured soil bores were advanced within the release margins to determine the vertical extent of impacted soil. In addition, sample test trenches were advanced along the inferred edges of the affected area to determine the horizontal extent of contamination. During the advancement of the soil bores and test trenches, soil samples were collected, and field screened for the presence of volatile organic compounds via a photoionization detector (PID) and chloride concentrations utilizing a Hach Quan tab® chloride test kit.

Based on field observations and field test data, T Squared collected (16) sixteen representative soil samples for laboratory analysis.

- Delineation soil samples represented by POI, Sp1, SP2, SP3, HZ1, HZ2, HZ3, and HZ4 were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard except for (POI- Surf, SP2-Surf), (SP3-Surf), (HZ2-Surf & 1’), (HZ3-1’), (HZ4-Surf), and (HZ4-1’) in each of the submitted soil samples.

- Due to human error transporting samples, SP1 -Surf and SP3-4' where broken during transit. Bottom Hole samples represented by FL 1 and FL 2 was collected in order to achieve full vertical delineation efforts.

A delineation Sample Location Map is provided as Figure 4. A summary of Soil Sample Laboratory Analytical Results is provided as Table 2, and Laboratory Analytical Reports are provided as Attachment IV.

4.0 Remediation Activities

In accordance with the NMOCD, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was mechanically excavated and transported to an NMOCD-approved surface waste facility for disposal. The sidewalls of the excavation were advanced until field observations and test results suggested BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard.

Area represented by POI, SP1, SP2, SP3 was excavated to approximately 4'bgs. HZ1-HZ4 was excavated approximately 2' outward in each cardinal direction. Bottom hole composite closure samples and composite sidewall samples were collected and sent to a laboratory. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard the Horizontal extent was defined.

The excavated area measured approximately 30 feet in length, 10 feet in width and 4' in depth. During remediation activities approximately 44 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility.

Confirmation soil samples represented by FL1-FL3 and SW1-SW4 (five-point composites representing no more than 200 ft of the excavated area) were collected from the floor and sidewalls of excavated area.

A Delineation Sample Map and Excavation Sample Map along with composite closure locations are provided as Figure 5 and Figure 6, respectively. Field data is provided as Attachment III. A Summary of Soil Sample Laboratory Analytical Results is provided as Table 2 and Laboratory Analytical Reports are provided as Attachment IV.

Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, the excavated areas were backfilled with locally sourced clean, non-impacted "like" material placed at or near relative positions. The affected area was contoured and/or compacted to achieve erosion control, stability, and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture free of noxious weeds during the first favorable growing season following closure of the site.

5.0 Soil Closure request

Remediation activities were conducted in accordance with applicable NMOCD Regulations. Laboratory analytical results from composite confirmation samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria. The site has been remediated to meet the standards of Table 1 of 19.15.29.12 NMAC; therefore, T Squared Energy recommends LH Operating, LLC provide copies of this *Remediation Summary and Closure Request* to the appropriate agencies and respectfully requests Closure be granted for the referenced release.

Limitations:

T Squared Energy has prepared this *Site Assessment and Closure Request to* the best of its ability. No other warranty, expressed or implied, is made or intended. T Squared has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. T Squared has not conducted an independent examination of the facts contained in referenced materials and statements. T Squared has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. T Squared notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report. T Squared has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants.

This report has been prepared for the benefit of LH Operating. Use of the information contained in this report is prohibited with consent of T Squared and/or LH Operating, LLC.

Distribution:

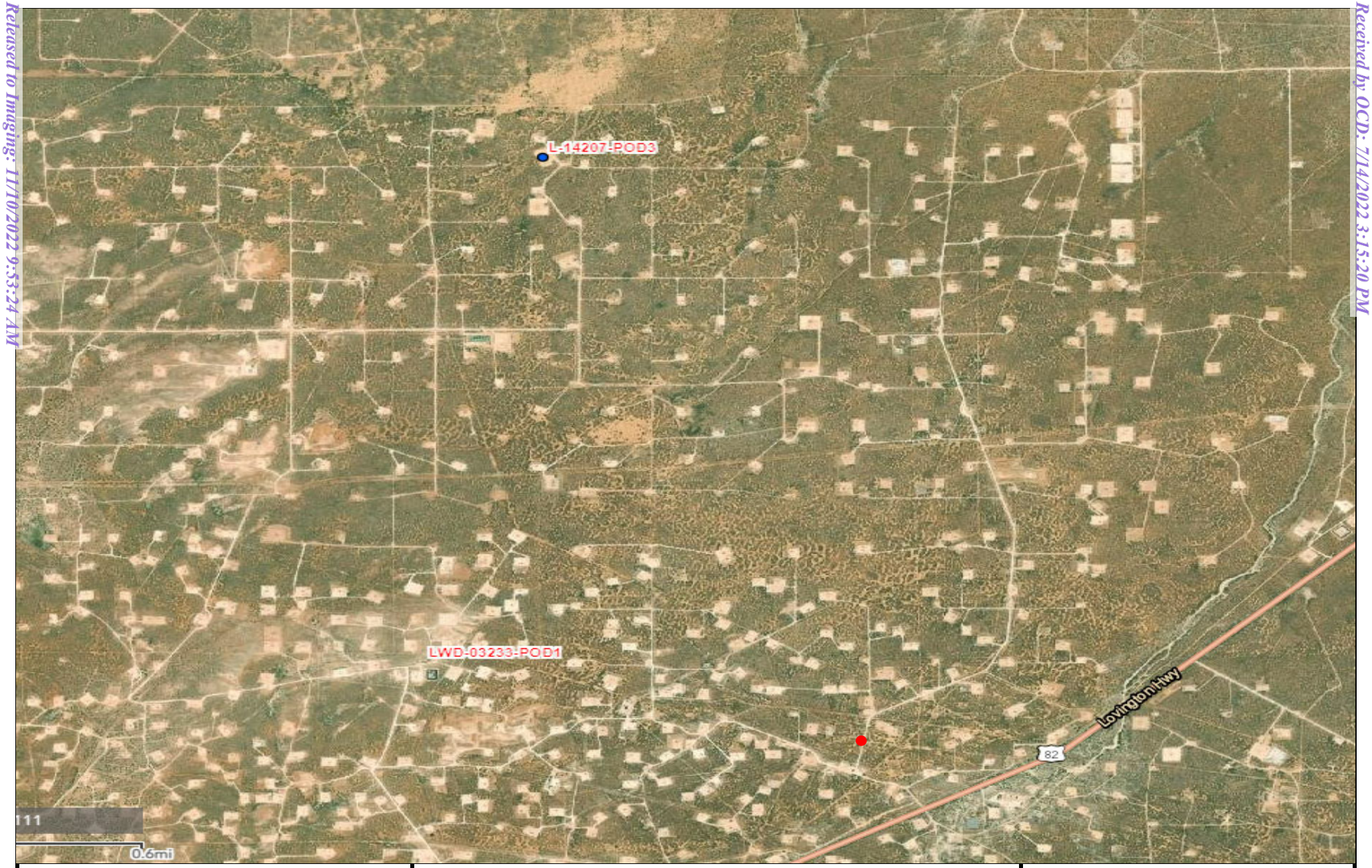
LH Operating, LLC
4809 Cole Ave #106
Dallas, TX 75205

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 2
1625 N. French Drive
Hobbs, NM 88240

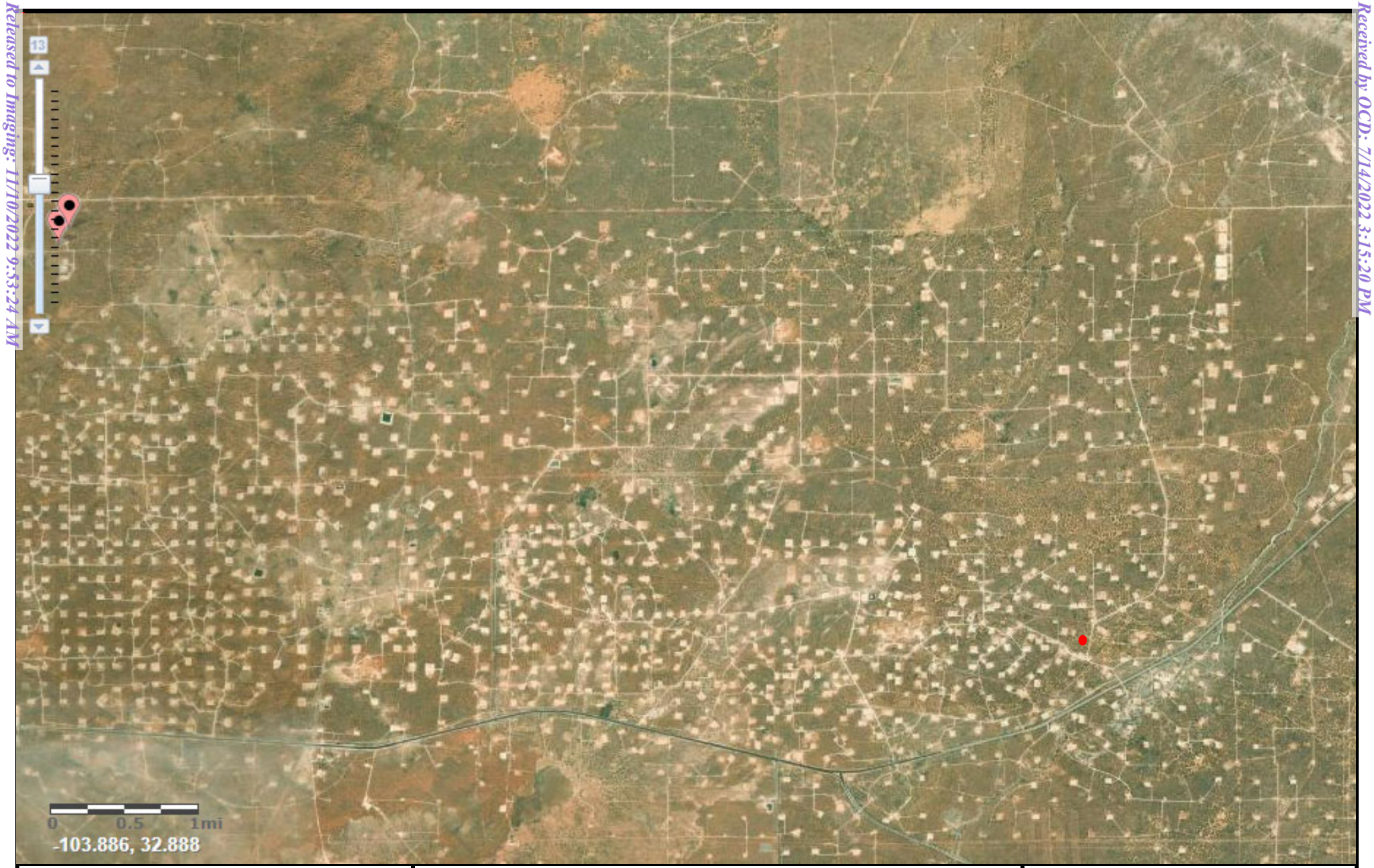
Hobbs Field Office
New Mexico State Land Office
2827 North Dal Paso Street
Hobbs, NM 88240

Figures

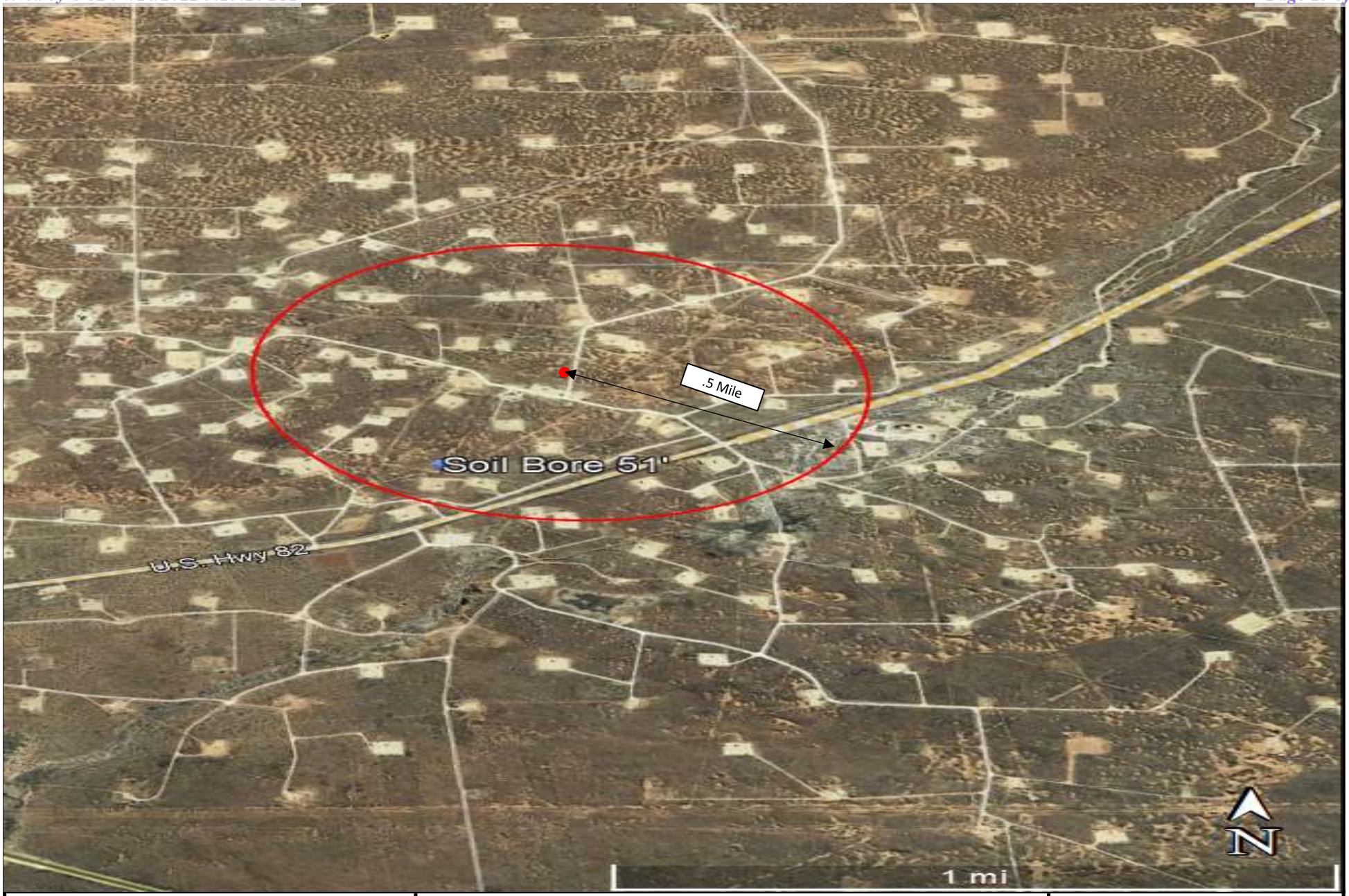
Legend	Topography Map	Figure 1
● Skelly 120 Location	LH Operating, LLC Skelly 120 GPS: 32.829465, -103.846453 Eddy County	



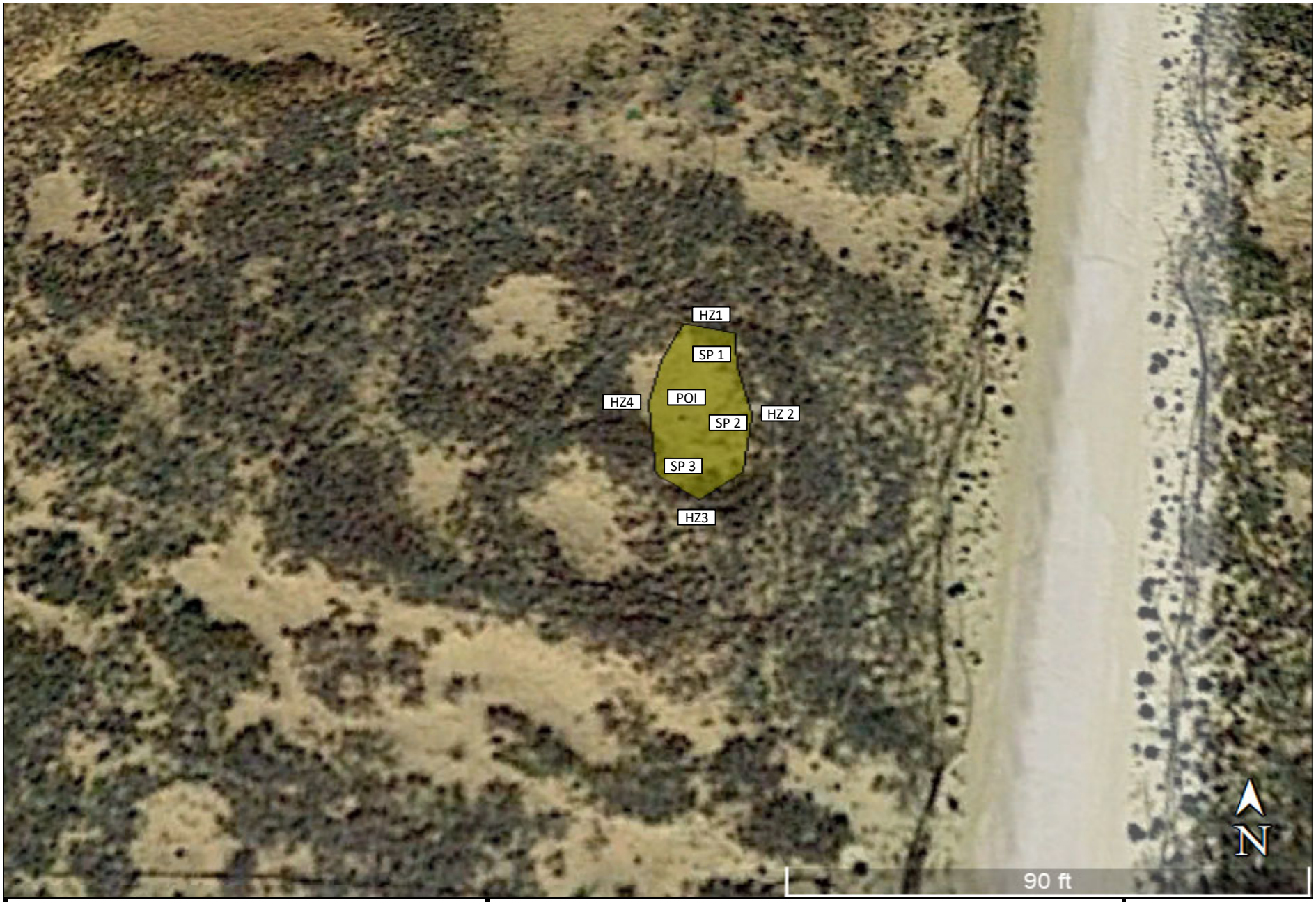
Legend:	OSE POD Locations Map	Figure 2
Skelly 120 Location Active OSE Water Well	LH Operating, LLC Skelly 120 GPS: 32.829465, -103.846453 Eddy County	T SQUARED ENERGY FIELD SERVICES



Legend:	USGS Well Locations Map	Figure 3
H E West B 34 Location USGS Well Location	LH Operating, LLC H E West B 34 GPS: 32.829465, -103.846453 Eddy County	



Legend:	Soil Bore Location Location Map	Figure 4
Skelly 120 Soil Bore Location	LH Operating, LLC Skelly 120 32.82946 -103.84645 Eddy County	



Legend:	Delineation Sample Map	Figure 5
Release Area SP1 Delineation Sample Location	LH Operating, LLC Skelly 120 GPS: 32.829465, -103.846453 Eddy County New Mexico	

Legend	Excavation Sample Map	Figure 6
Excavated Area CFS1 Composite Confirmation Sample Location	LH Operating, LLC Skelly 120 GPS: 32.829465, -103.846453 Eddy County	T SQUARED ENERGY FIELD SERVICES

Table 2

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
LH Operating
Skelly 120
NMOCD Ref. #: NAPP2208945302

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C_6-C_{10} (mg/kg)	DRO C_{10}-C_{28} (mg/kg)	GRO + DRO C_6-C_{28} (mg/kg)	ORO C_{28}-C_{36} (mg/kg)	TPH C_6-C_{36} (mg/kg)	Chloride (mg/kg)
POI	6/13/22	Surf	In-Situ	0.0275	4.28	56	**30,700**	**30,756**	**23,500**	**54,256**	**7,630**
	6/13/22	4'	In-Situ	ND	4.49	ND	13,500	13,500	6,200	19,700	756
SP1	6/13/22	4'	In-Situ	ND	ND	ND	**141**	**141**	**168**	**309**	**1,230**
FL 1	7/6/2022	5'	Excavted	ND	ND	ND	128	128	136	264	152
SP2	6/13/22	Surf	In-Situ	ND	ND	ND	**474**	**474**	**571**	**1,045**	**12,700**
	6/13/22	4'	In-Situ	ND	ND	ND	ND	ND	ND	ND	424
SP3	6/13/22	Surf	In-Situ	ND	ND	ND	95	95	**148**	**243**	**908**
FL 2	7/6/2022	4'	Excavated	ND	ND	ND	137	137	167	304	187
FL3	7/6/2022	4'	Excavted	ND	ND	ND	266	266	275	541	475
HZ 1	6/13/22	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	30
	6/13/22	1'	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ 2	6/13/22	Surf	In-Situ	ND	ND	ND	63.2	63.2	65.8	**129**	**658**
	6/13/22	1'	In-Situ	ND	ND	ND	**212**	**212**	**204**	**416**	ND
HZ 3	6/13/22	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	81
	6/13/22	1'	In-Situ	ND	ND	ND	**500**	**500**	**396**	**896**	23
HZ 4	6/13/22	Surf	In-Situ	ND	ND	ND	**81.2**	**81.2**	**81**	**162.2**	29
	6/13/22	1'	In-Situ	ND	ND	ND	**57.8**	**57.8**	**63.9**	**121.7**	101
SW 1	6/23/22		Excavated	ND	ND	ND	37.4	ND	ND	ND	ND
SW 2	6/23/22		Excavated	ND	ND	ND	26.2	ND	ND	ND	ND
SW 3	6/23/22		Excavated	ND	ND	ND	ND	ND	ND	ND	ND
SW 4	6/23/22		Excavated	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
- = Sample not analyzed for that constituent.
Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I
Site Photographs

Photographs

Photo:	Description: Before

Photo:	Description: During

Photographs

Photo: 3	Description: During

Photo: 4	Description: After

Attachment II
Depth to Groundwater

Lindsey Nevels

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Wednesday, March 9, 2022 8:20 AM
To: Bratcher, Mike, EMNRD; Lindsey Nevels
Subject: RE: [EXTERNAL] Ground Water Published Data

Lindsey,

Please make sure this is included in your remediation/closure report.

Thank you for the information.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Tuesday, March 8, 2022 3:22 PM
To: Lindsey Nevels <lnevels@hazmatspecialservices.com>
Cc: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Subject: RE: [EXTERNAL] Ground Water Published Data

Lindsey,

Yes you can use this information to show no groundwater less than 50'. Note Rob Hamlet's email address.

Thanks,

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/

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	L 14207 POD1	3	3	2	01	17S	36E	658500	3637679

Driller License:	1456	**Driller Company:**	WHITE DRILLING COMPANY		
Driller Name:	WHITE, JOHN W				
Drill Start Date:	10/07/2016	**Drill Finish Date:**	10/12/2016	**Plug Date:**	
Log File Date:	12/12/2016	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	4.00	**Depth Well:**	240 feet	**Depth Water:**	100 feet

Water Bearing Stratifications:	Top	Bottom	Description
	60	110	Sandstone/Gravel/Conglomerate
	110	112	Sandstone/Gravel/Conglomerate
	112	117	Sandstone/Gravel/Conglomerate
	140	170	Sandstone/Gravel/Conglomerate
	170	190	Sandstone/Gravel/Conglomerate
	190	200	Sandstone/Gravel/Conglomerate
	200	216	Sandstone/Gravel/Conglomerate
	216	218	Sandstone/Gravel/Conglomerate
	218	226	Sandstone/Gravel/Conglomerate
	226	240	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	90	230

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	LWD 03233 POD1		1	4	16	17S	31E	605524	3633307*

Driller License: **Driller Company:**

Driller Name:

Drill Start Date: **Drill Finish Date:** **Plug Date:**

Log File Date: **PCW Rcv Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** **Depth Water:**

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: L 14207 **Subbasin:** L **Cross Reference:** -

Primary Purpose: MON MONITORING WELL

Primary Status: PMT PERMIT

Total Acres: **Subfile:** - **Header:** -

Total Diversion: 0 **Cause/Case:** -

Owner: CHEVRON MIDCONTINENT LP

Contact: SCOTT FOORD

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	629010	EXPL	2018-07-20	PMT	APR	L 14207 POD5-7	T	0	0	
get images	629009	EXPL	2018-07-19	PMT	PRC	L 14207 POD8	T	0	0	
get images	628990	EXPL	2018-07-19	PMT	PRC	L 14207 POD4	T	0	0	
get images	593141	EXPL	2016-09-30	PMT	LOG	L-14207 POD1-3	T	0	0	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
L 14207 POD1		Shallow	3	3	2	01	17S	36E	658500	3637679	MW-1 LPU-59
L 14207 POD2		Shallow	2	4	1	01	17S	36E	658222	3637712	LPU-60
L 14207 POD3		Shallow	2	3	3	31	16S	37E	606117	3636977	LPU-96
L 14207 POD4	NA		4	4	1	01	17S	36E	658239	3637687	MW-2 (LPU-60)
L 14207 POD5	NA			2	2	01	17S	36E	658596	3638048	MW-14 (WATER PLANT)
L 14207 POD6	NA			1	2	01	17S	36E	658624	3637936	MW-15 (WATER PLANT)
L 14207 POD7	NA			2	2	01	17S	36E	658438	3638022	MW-16 (WATER PLANT)
L 14207 POD8	NA		4	3	2	01	17S	36E	658527	3637655	

National Water Information System: Web Interface

USGS Water Resources

Data Category: Site Information | Geographic Area: United States | GO

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- Full News

USGS 325216103575701 16S.30E.33.42443

Available data for this site SUMMARY OF ALL AVAILABLE DATA | GO

Well Site

DESCRIPTION:

Latitude 32°52'16", Longitude 103°57'57" NAD27
Eddy County, New Mexico , Hydrologic Unit 13060011
Well depth: 385 feet
Land surface altitude: 3,729 feet above NAVD88.
Well completed in "Other aquifers" (N9999OTHER) national aquifer.
Well completed in "Santa Rosa Sandstone" (231SNRS) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1986-04-25	1986-04-25	1
Revisions	Unavailable (site:0) (timeseries:0)		

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center
Email questions about this site to New Mexico Water Science Center Water-Data Inquiries

---

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Title: NWIS Site Information for USA: Site Inventory
URL: https://waterdata.usgs.gov/nwis/inventory?agency_code=USGS&site_no=325216103575701

Page Contact Information: New Mexico Water Data Support Team
Page Last Modified: 2022-07-12 16:10:23 EDT
0.28 0.26 caww01

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- Full News

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 325216103575701

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 325216103575701 16S.30E.33.42443

Eddy County, New Mexico
Latitude 32°52'16", Longitude 103°57'57" NAD27
Land-surface elevation 3,729 feet above NAVD88
The depth of the well is 385 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) 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
1986-04-25		D	62610		3365.01	NGVD29	1	Z		
1986-04-25		D	62611		3366.56	NAVD88	1	Z		
1986-04-25		D	72019	362.44			1	Z		

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	Z	Other.
Measuring agency		Not determined

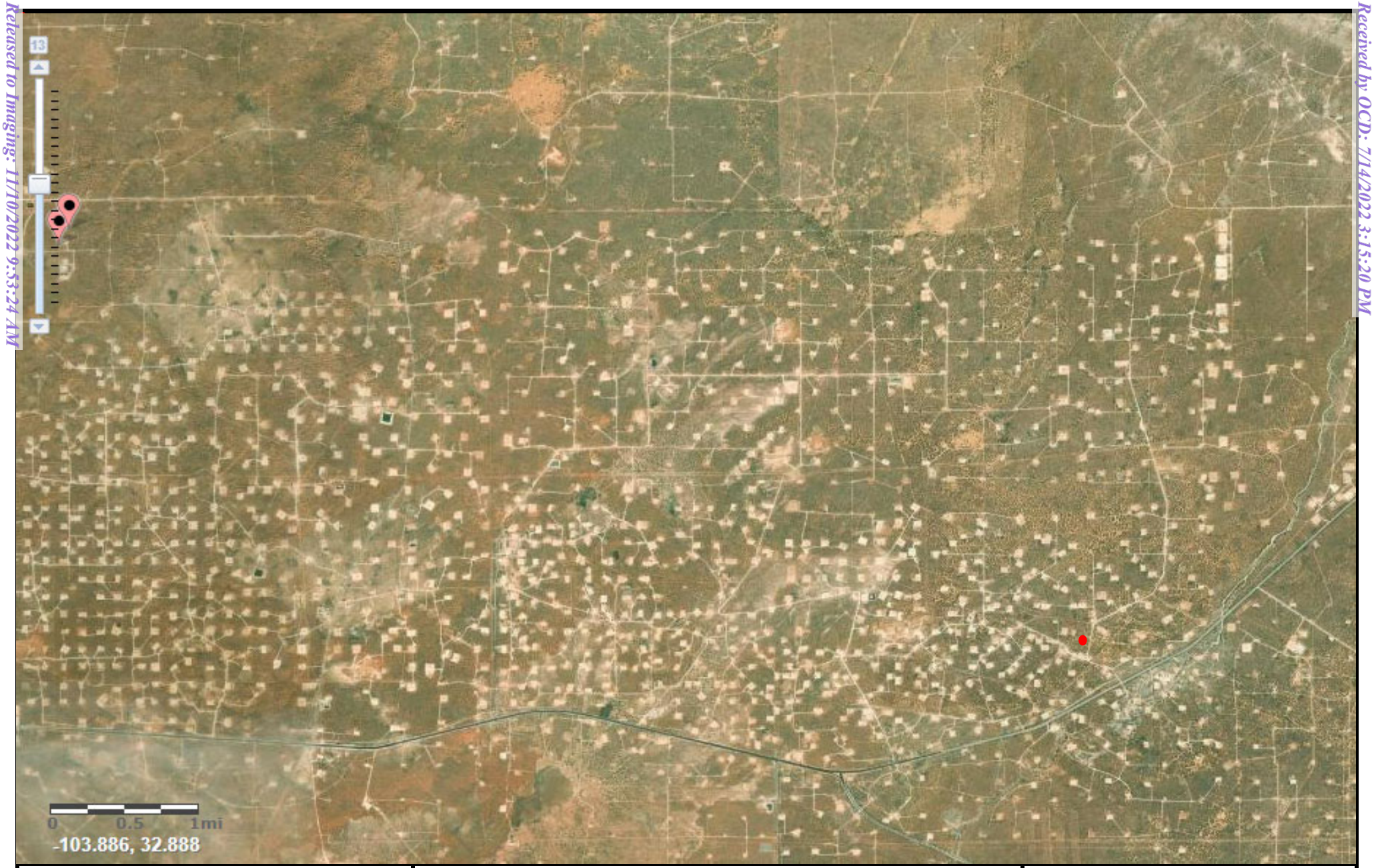
Section	Code	Description
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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: 2022-07-12 16:10:46 EDT
0.39 0.36 nadww01



Legend:	USGS Well Locations Map	Figure 3
H E West B 34 Location USGS Well Location	LH Operating, LLC H E West B 34 GPS: 32.829465, -103.846453 Eddy County	

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: LWD 03233 **Subbasin:** RA **Cross Reference:** LWD-RA-319

Primary Purpose: PLS NON 72-12-1 LIVESTOCK WATERING

Primary Status: DCL DECLARATION

Total Acres: 1 **Subfile:** - **Header:** -

Total Diversion: 6 **Cause/Case:** -

Owner: CHARLES R MARTIN INC

Contact: CHARLES M WARD, VP

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	696718	DCL	1992-09-28	DCL	PRC	LWD-RA-319	T	1	6	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
LWD 03233 POD1			1	4	16	17S	31E		605524	3633307*	

***An (*) after northing value indicates UTM location was derived from PLSS - see Help**

Priority Summary

Priority	Status	Acres	Diversion	Pod Number
12/31/1952	DCL	1	6	LWD 03233 POD1

Place of Use

Q 256	Q 64	Q16	Q4	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
	1	4	16	17S	31E		1	6		PLS	12/31/1952	DCL	

Source

Acres	Diversion	CU	Use	Priority	Source	Description
1	6		PLS	12/31/1952	SW	

Attachment III
Field Data

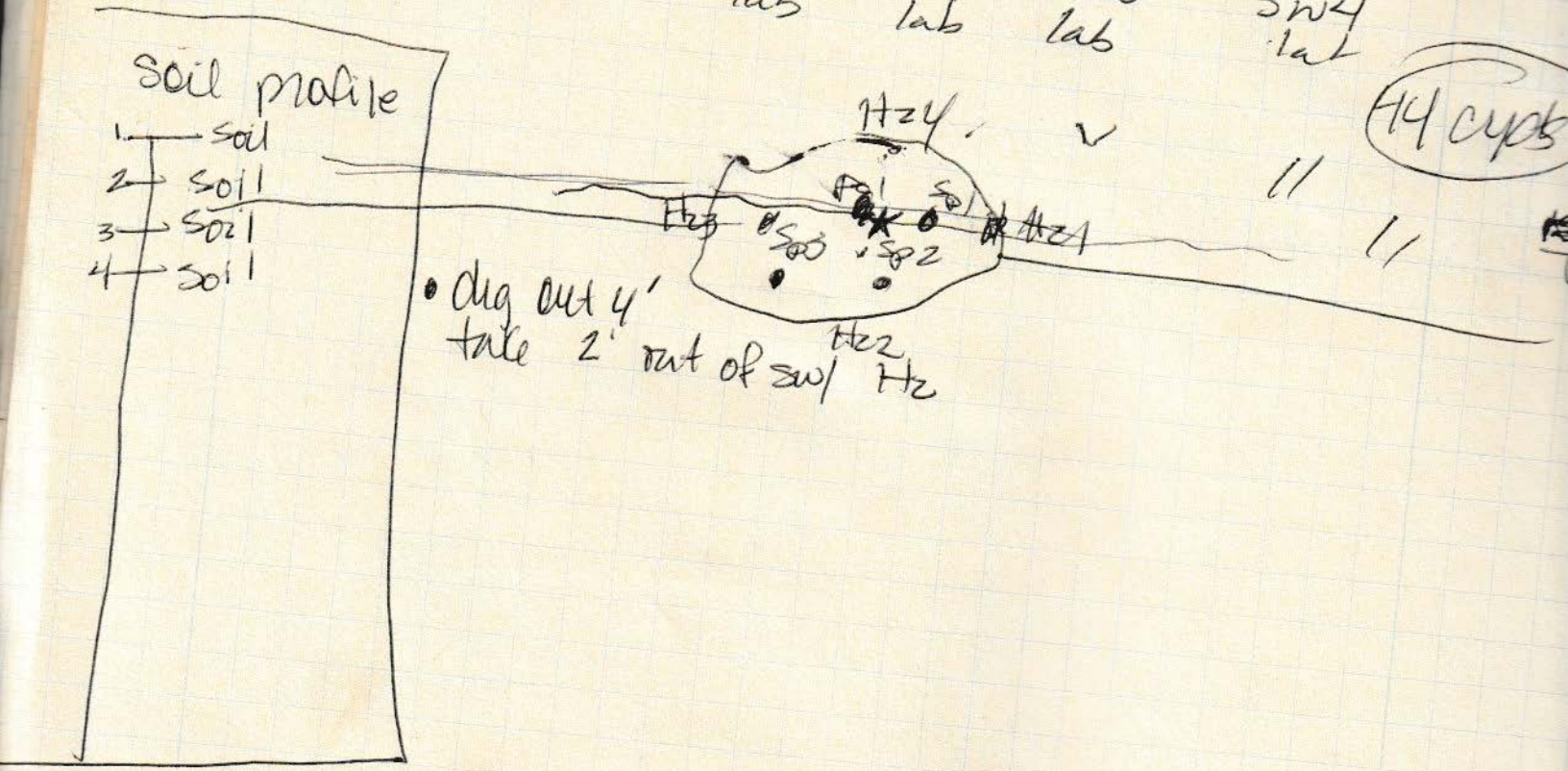
Skelly Unit 120 32.826350, -103.841720

Lab:	POI-Surf TPH	SP1-Surf TPH	SP2-Surf TPH	SP3-Surf (4/30/22)
POI Surf	1' TPH 3460	1', 196	1' / 400	1' TPH
SP1-Surf	2' TPH 1411	2', 120	2 / 400	2 <100 TPH
SP2-Surf	3' TPH 120	3', 20'	3 <100	3' <100 TPH
SP3-Surf	4' TPH -0	4' 120 lab	4 <100 lab	4 <100

Hz1 - Surf <100 Hz 2 - Surf <100 Hz 3 - Surf <100 Hz 4 - Surf <100

1' <100	1' <100	1' <100	1' <100

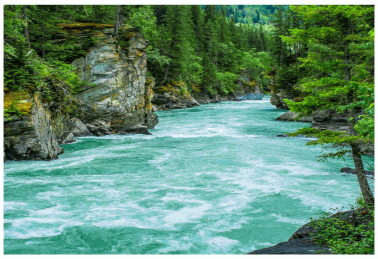
FL1 lab, FL2 lab, FL3 lab, SW1 lab, SW2 lab, SW3 lab, SW4 lab



Attachment IV
Laboratory Analytical Reports

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

LH Operating

Project Name: Skelly 120

Work Order: E206123

Job Number: 22055-0001

Received: 6/16/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/22/22

Date Reported: 6/22/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 120
Workorder: E206123
Date Received: 6/16/2022 1:12:00PM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/16/2022 1:12:00PM, under the Project Name: Skelly 120.

The analytical test results summarized in this report with the Project Name: Skelly 120 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
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Table of Contents

Sample Summary

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	06/22/22 16:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
poi - Surf	E206123-01A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
poi - 4'	E206123-02A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Sp1 - 4'	E206123-03A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Sp2 - Surf	E206123-04A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Sp2 - 4'	E206123-05A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Sp3 - Surf	E206123-06A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

poi - Surf

E206123-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Benzene	**0.0275**	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	**1.38**	0.0250	1	06/20/22	06/21/22	
Toluene	**0.710**	0.0250	1	06/20/22	06/21/22	
o-Xylene	**1.31**	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	**2.97**	0.0500	1	06/20/22	06/21/22	
Total Xylenes	**4.28**	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*99.8 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Gasoline Range Organics (C6-C10)	**56.0**	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*99.8 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226019
Diesel Range Organics (C10-C28)	**30700**	2500	100	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	**23500**	5000	100	06/20/22	06/21/22	
Surrogate: n-Nonane		*135 %*	*50-200*	*06/20/22*	*06/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**7630**	200	10	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

poi - 4'

E206123-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Benzene	ND	0.500	20	06/20/22	06/21/22	
Ethylbenzene	**1.10**	0.500	20	06/20/22	06/21/22	
Toluene	ND	0.500	20	06/20/22	06/21/22	
o-Xylene	**1.68**	0.500	20	06/20/22	06/21/22	
p,m-Xylene	**2.81**	1.00	20	06/20/22	06/21/22	
Total Xylenes	**4.49**	0.500	20	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*93.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Gasoline Range Organics (C6-C10)	ND	400	20	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*93.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226019
Diesel Range Organics (C10-C28)	**13500**	2500	100	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	**6200**	5000	100	06/20/22	06/21/22	
Surrogate: n-Nonane		*184 %*	*50-200*	*06/20/22*	*06/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**756**	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Sp1 - 4'

E206123-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226019
Diesel Range Organics (C10-C28)	**141**	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	**168**	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*06/20/22*	*06/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**1230**	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Sp2 - Surf

E206123-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*93.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*93.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226019
Diesel Range Organics (C10-C28)	**474**	125	5	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	**571**	250	5	06/20/22	06/21/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*06/20/22*	*06/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**12700**	400	20	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Sp2 - 4'

E206123-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226019
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		*85.9 %*	*50-200*	*06/20/22*	*06/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**424**	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Sp3 - Surf

E206123-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.3 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.3 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226019
Diesel Range Organics (C10-C28)	**94.5**	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	**148**	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*06/20/22*	*06/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**908**	20.0	1	06/20/22	06/20/22	

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226021-BLK1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.511*		*0.500*		*102*	*70-130*			
LCS (2226021-BS1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	2.33	0.0250	2.50		93.2	70-130			
Ethylbenzene	2.29	0.0250	2.50		91.6	70-130			
Toluene	2.25	0.0250	2.50		90.2	70-130			
o-Xylene	2.21	0.0250	2.50		88.2	70-130			
p,m-Xylene	4.43	0.0500	5.00		88.6	70-130			
Total Xylenes	6.64	0.0250	7.50		88.5	70-130			
Surrogate: Bromofluorobenzene	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS Dup (2226021-BSD1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	2.35	0.0250	2.50		94.1	70-130	0.983	23	
Ethylbenzene	2.33	0.0250	2.50		93.1	70-130	1.67	27	
Toluene	2.29	0.0250	2.50		91.6	70-130	1.54	24	
o-Xylene	2.25	0.0250	2.50		89.9	70-130	1.86	27	
p,m-Xylene	4.52	0.0500	5.00		90.4	70-130	2.01	27	
Total Xylenes	6.77	0.0250	7.50		90.3	70-130	1.96	27	
Surrogate: Bromofluorobenzene	*0.497*		*0.500*		*99.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.515*		*0.500*		*103*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226021-BLK1)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.511*		*0.500*		*102*	*70-130*			
LCS (2226021-BS2)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	56.8	20.0	50.0		114	70-130			
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.517*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			
LCS Dup (2226021-BSD2)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0		111	70-130	2.72	20	
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.526*		*0.500*		*105*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226019-BLK1)									Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.8*		*50.0*		*99.5*	*50-200*			
LCS (2226019-BS1)									Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	486	25.0	500		97.2	38-132			
Surrogate: n-Nonane	*49.9*		*50.0*		*99.7*	*50-200*			
Matrix Spike (2226019-MS1)				**Source: E206122-07**					Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	803	25.0	500	255	110	38-132			
Surrogate: n-Nonane	*51.7*		*50.0*		*103*	*50-200*			
Matrix Spike Dup (2226019-MSD1)				**Source: E206122-07**					Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	761	25.0	500	255	101	38-132	5.27	20	
Surrogate: n-Nonane	*48.7*		*50.0*		*97.3*	*50-200*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226025-BLK1)									Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	ND	20.0							
LCS (2226025-BS1)									Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2226025-MS1)				**Source: E206123-01**					Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	4690	200	250	7630	NR	80-120			M4
Matrix Spike Dup (2226025-MSD1)				**Source: E206123-01**					Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	8670	200	250	7630	417	80-120	59.5	20	M4, R3

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	06/22/22 16:22

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Client: LH Operating
Project: Skelly 120
Sampler: Y.N
Phone: 432 241-2480
Email(s): Lindsey@TSquaredEnergy.com
Project Manager: LH

RUSH? ☐ 1d ☐ 3d

Lab Use Only
Lab WO# PE 209123
Job Number 22055-0001

Page 1 of 1

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015 DRO	BTEX by 8021	TPH by ~~418.1~~ 8015	Chloride by 300.0	lab Only Lab Number	Correct Cont/Prsrv (s) Y/N
p01 - Surf	6/13/22	1:00pm	S						1	
p01 - 4'		1:15							2	
~~Sp1 - Surf~~		1:30		Broken Jar JJ 6.14.22						
Sp1 - 4'		1:45							3	
Sp2 - Surf		2:00							4	
Sp2 - 4'		2:15							5	
Sp3 - Surf		2:30							6	
Sp3 - 4'		2:45		No sample Rec'd AL 6/16/22					7	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/14/22			6.14.22	1530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6.15.22	1545		6/16/22	13:12

Lab Use Only
**Received on Ice (Y) / N
T1____ T2____ T3____
AVG Temp °C 4

Sample Matrix: ~~S~~ - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 6/20/2022 1:05:39PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	LH Operating	Date Received:	06/16/22 13:12	Work Order ID:	E206123
Phone:	-	Date Logged In:	06/16/22 14:57	Logged In By:	Alexa Michaels
Email:	lnevels@hazmatspecialservices.com	Due Date:	06/21/22 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	No	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	No	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Comments/Resolution

Sample #7 SP3-4 not recieved.

Client Instruction

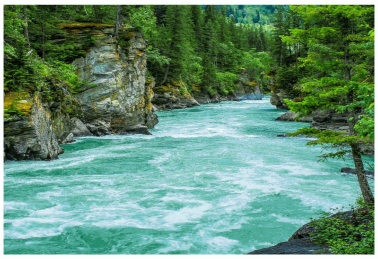
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

LH Operating

Project Name: Skelly 120

Work Order: E206124

Job Number: 22055-0001

Received: 6/16/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/22/22

Date Reported: 6/22/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 120
Workorder: E206124
Date Received: 6/16/2022 1:12:00PM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/16/2022 1:12:00PM, under the Project Name: Skelly 120.

The analytical test results summarized in this report with the Project Name: Skelly 120 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
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ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	06/22/22 13:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Hz1 - Surf	E206124-01A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Hz1 - 1'	E206124-02A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Hz2 - Surf	E206124-03A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Hz2 - 1'	E206124-04A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Hz3 - Surf	E206124-05A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Hz3 - 1'	E206124-06A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Hz4 - Surf	E206124-07A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Hz4 - 1'	E206124-08A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz1 - Surf

E206124-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/20/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*06/20/22*	*06/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**30.0**	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz1 - 1'

E206124-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/20/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*06/20/22*	*06/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	ND	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz2 - Surf

E206124-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	**63.2**	25.0	1	06/20/22	06/20/22	
Oil Range Organics (C28-C36)	**65.8**	50.0	1	06/20/22	06/20/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*06/20/22*	*06/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**658**	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz2 - 1'

E206124-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	**212**	25.0	1	06/20/22	06/20/22	
Oil Range Organics (C28-C36)	**204**	50.0	1	06/20/22	06/20/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*06/20/22*	*06/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	ND	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz3 - Surf

E206124-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/20/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*06/20/22*	*06/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**80.5**	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz3 - 1'

E206124-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	**500**	25.0	1	06/20/22	06/20/22	
Oil Range Organics (C28-C36)	**396**	50.0	1	06/20/22	06/20/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*06/20/22*	*06/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**22.6**	20.0	1	06/20/22	06/21/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz4 - Surf

E206124-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.0 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.0 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	**81.2**	25.0	1	06/20/22	06/20/22	
Oil Range Organics (C28-C36)	**81.0**	50.0	1	06/20/22	06/20/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*06/20/22*	*06/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**29.4**	20.0	1	06/20/22	06/21/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz4 - 1'

E206124-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	**57.8**	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	**63.9**	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*06/20/22*	*06/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**101**	20.0	1	06/20/22	06/21/22	

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226022-BLK1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.483*		*0.500*		*96.6*	*70-130*			
LCS (2226022-BS1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	2.13	0.0250	2.50		85.2	70-130			
Ethylbenzene	2.12	0.0250	2.50		84.9	70-130			
Toluene	2.07	0.0250	2.50		82.7	70-130			
o-Xylene	2.20	0.0250	2.50		87.9	70-130			
p,m-Xylene	4.27	0.0500	5.00		85.4	70-130			
Total Xylenes	6.47	0.0250	7.50		86.2	70-130			
Surrogate: Bromofluorobenzene	*0.513*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.498*		*0.500*		*99.6*	*70-130*			
LCS Dup (2226022-BSD1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	2.35	0.0250	2.50		94.1	70-130	9.84	23	
Ethylbenzene	2.38	0.0250	2.50		95.1	70-130	11.3	27	
Toluene	2.34	0.0250	2.50		93.4	70-130	12.1	24	
o-Xylene	2.45	0.0250	2.50		98.2	70-130	11.0	27	
p,m-Xylene	4.81	0.0500	5.00		96.2	70-130	11.9	27	
Total Xylenes	7.27	0.0250	7.50		96.9	70-130	11.6	27	
Surrogate: Bromofluorobenzene	*0.517*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: Toluene-d8	*0.503*		*0.500*		*101*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226022-BLK1)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.483*		*0.500*		*96.6*	*70-130*			
LCS (2226022-BS2)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	44.5	20.0	50.0		89.0	70-130			
Surrogate: Bromofluorobenzene	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			
LCS Dup (2226022-BSD2)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.5	70-130	3.77	20	
Surrogate: Bromofluorobenzene	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.483*		*0.500*		*96.5*	*70-130*			
Surrogate: Toluene-d8	*0.509*		*0.500*		*102*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226020-BLK1)									Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.5*		*50.0*		*105*	*50-200*			
LCS (2226020-BS1)									Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	487	25.0	500		97.3	38-132			
Surrogate: n-Nonane	*50.1*		*50.0*		*100*	*50-200*			
Matrix Spike (2226020-MS1)				**Source: E206124-03**					Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	580	25.0	500	63.2	103	38-132			
Surrogate: n-Nonane	*52.1*		*50.0*		*104*	*50-200*			
Matrix Spike Dup (2226020-MSD1)				**Source: E206124-03**					Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	613	25.0	500	63.2	110	38-132	5.50	20	
Surrogate: n-Nonane	*54.1*		*50.0*		*108*	*50-200*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226025-BLK1)									Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	ND	20.0							
LCS (2226025-BS1)									Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2226025-MS1)				**Source: E206123-01**					Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	4690	200	250	7630	NR	80-120			M4
Matrix Spike Dup (2226025-MSD1)				**Source: E206123-01**					Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	8670	200	250	7630	417	80-120	59.5	20	M4, R3

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	06/22/22 13:52

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Client: Ltl. operating
Project: Skelly 120
Sampler: L.M
Phone: 432241-2488
Email(s): Lindsey@Sawaedenerg.com
Project Manager: LA

RUSH? ☐ 1d ☐ 3d

Lab Use Only	
Lab WO#	PE206124
Job Number	22055-0001

Page 1 of 1

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by ~~418.1~~ 8015	Chloride by 300.0	Lab Number	Correct Cont/Prsrv (s) Y/N
Hz1-Surf	6/13/22	3:00	S						1	
Hz1-1'		3:10							2	
Hz2-Surf		3:15							3	
Hz2-1'		3:20							4	
Hz3-Surf		3:30							5	
Hz3-1'		3:35							6	
Hz4-Surf		3:40							7	
Hz4-1		3:48							8	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/14/22			6.14.22	1530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6.15.22	1545		6/16/22	13:12

Lab Use Only
**Received on Ice Y / N
T1____ T2____ T3____
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____
Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 6/20/2022 1:04:10PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	LH Operating	Date Received:	06/16/22 13:12	Work Order ID:	E206124
Phone:	-	Date Logged In:	06/16/22 14:59	Logged In By:	Alexa Michaels
Email:	lnevels@hazmatspecialservices.com	Due Date:	06/21/22 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Client Instruction

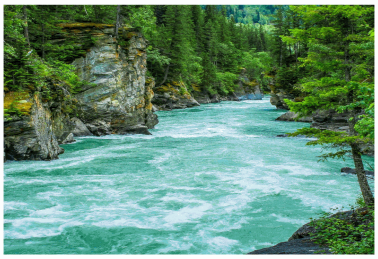
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

LH Operating

Project Name: Skelly 120

Work Order: E206198

Job Number: 22055-0001

Received: 6/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

Date Reported: 7/6/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 120
Workorder: E206198
Date Received: 6/28/2022 10:15:00AM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/28/2022 10:15:00AM, under the Project Name: Skelly 120.

The analytical test results summarized in this report with the Project Name: Skelly 120 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Table of Contents

Sample Summary

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	07/06/22 16:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL 1	E206198-01A	Soil	06/23/22	06/28/22	Glass Jar, 4 oz.
FL 2	E206198-02A	Soil	06/23/22	06/28/22	Glass Jar, 4 oz.
FL 3	E206198-03A	Soil	06/23/22	06/28/22	Glass Jar, 4 oz.
SW 1	E206198-04A	Soil	06/23/22	06/28/22	Glass Jar, 4 oz.
SW 2	E206198-05A	Soil	06/23/22	06/28/22	Glass Jar, 4 oz.
SW 3	E206198-06A	Soil	06/23/22	06/28/22	Glass Jar, 4 oz.
SW 4	E206198-07A	Soil	06/23/22	06/28/22	Glass Jar, 4 oz.

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

FL 1

E206198-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*95.0 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*95.0 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	**128**	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	**136**	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**152**	20.0	1	06/30/22	07/02/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

FL 2

E206198-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*95.3 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*95.3 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	**137**	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	**167**	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**187**	20.0	1	06/30/22	07/02/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

FL 3

E206198-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*92.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*92.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	**266**	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	**275**	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**475**	20.0	1	06/30/22	07/02/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

SW 1

E206198-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	**531**	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	**542**	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*126 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**152**	20.0	1	06/30/22	07/02/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

SW 2

E206198-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*94.2 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*94.2 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	**1880**	125	5	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	**1550**	250	5	06/28/22	07/02/22	
Surrogate: n-Nonane		*149 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**216**	20.0	1	06/30/22	07/02/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

SW 3

E206198-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	**698**	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	**654**	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*141 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**564**	20.0	1	06/30/22	07/02/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

SW 4

E206198-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*94.5 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*94.5 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**236**	20.0	1	06/30/22	07/02/22	

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2227050-BLK1)									Prepared: 06/28/22 Analyzed: 07/05/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.525*		*0.500*		*105*	*70-130*			
Surrogate: Toluene-d8	*0.473*		*0.500*		*94.6*	*70-130*			
LCS (2227050-BS1)									Prepared: 06/28/22 Analyzed: 07/05/22
Benzene	2.18	0.0250	2.50		87.2	70-130			
Ethylbenzene	2.16	0.0250	2.50		86.5	70-130			
Toluene	2.12	0.0250	2.50		84.8	70-130			
o-Xylene	2.23	0.0250	2.50		89.2	70-130			
p,m-Xylene	4.41	0.0500	5.00		88.1	70-130			
Total Xylenes	6.64	0.0250	7.50		88.5	70-130			
Surrogate: Bromofluorobenzene	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: Toluene-d8	*0.493*		*0.500*		*98.6*	*70-130*			
LCS Dup (2227050-BSD1)									Prepared: 06/28/22 Analyzed: 07/05/22
Benzene	2.20	0.0250	2.50		88.1	70-130	0.981	23	
Ethylbenzene	2.23	0.0250	2.50		89.3	70-130	3.19	27	
Toluene	2.21	0.0250	2.50		88.3	70-130	4.02	24	
o-Xylene	2.32	0.0250	2.50		92.8	70-130	3.91	27	
p,m-Xylene	4.56	0.0500	5.00		91.1	70-130	3.36	27	
Total Xylenes	6.88	0.0250	7.50		91.7	70-130	3.54	27	
Surrogate: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.512*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.498*		*0.500*		*99.6*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2227050-BLK1)									Prepared: 06/28/22 Analyzed: 07/05/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.525*		*0.500*		*105*	*70-130*			
Surrogate: Toluene-d8	*0.473*		*0.500*		*94.6*	*70-130*			
LCS (2227050-BS2)									Prepared: 06/28/22 Analyzed: 07/05/22
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		87.9	70-130			
Surrogate: Bromofluorobenzene	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: Toluene-d8	*0.491*		*0.500*		*98.1*	*70-130*			
LCS Dup (2227050-BSD2)									Prepared: 06/28/22 Analyzed: 07/05/22
Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		92.0	70-130	4.48	20	
Surrogate: Bromofluorobenzene	*0.499*		*0.500*		*99.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.2*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2227055-BLK1)									Prepared: 06/28/22 Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.8*		*50.0*		*106*	*50-200*			
LCS (2227055-BS1)									Prepared: 06/28/22 Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	559	25.0	500		112	38-132			
Surrogate: n-Nonane	*58.9*		*50.0*		*118*	*50-200*			
Matrix Spike (2227055-MS1)				**Source: E206197-12**					Prepared: 06/28/22 Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	610	25.0	500	ND	122	38-132			
Surrogate: n-Nonane	*63.6*		*50.0*		*127*	*50-200*			
Matrix Spike Dup (2227055-MSD1)				**Source: E206197-12**					Prepared: 06/28/22 Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	575	25.0	500	ND	115	38-132	5.87	20	
Surrogate: n-Nonane	*60.3*		*50.0*		*121*	*50-200*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2227129-BLK1)									Prepared: 06/30/22 Analyzed: 07/02/22
Chloride	ND	20.0							
LCS (2227129-BS1)									Prepared: 06/30/22 Analyzed: 07/02/22
Chloride	250	20.0	250		100	90-110			
LCS Dup (2227129-BSD1)									Prepared: 06/30/22 Analyzed: 07/02/22
Chloride	254	20.0	250		102	90-110	1.43	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	07/06/22 16:22

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of

Client: LH Operating	Bill To	Lab Use Only	TAT / EPA Program
Project: Skelly 120	Attention: T Squared Energy	Lab WO# PE206198	Job Number 22055-0001
Project Manager: Lindsey Nevels	Address:	1D 2D 3D Standard: X	CWA / SDWA / RCRA
Address:	City, State, Zip:		
City, State, Zip:	Phone:		
Phone: 432 241-2480	Email: Janine@tsquaredenergy.com		
Email: Lindsey@tsquaredenergy.com	Trey@tsquaredenergy.com		
Report due by:			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	6/23/22			FL 1		1									X				
	6/23/22			FL 2		2									X				
	6/23/22			FL 3		3									X				
	[redacted]			[redacted]											[redacted]				
	6/23/22			SW 1		4									X				
	6/23/22			SW 2		5									X				
	6/23/22			SW 3		6									X				
	6/23/22			SW 4		7									X				

State: NM X | CO | UT | AZ | TX |

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6-27-22	2:13		6-27-22	3:20
	6-27-22	4:14		6/28/22	10:15

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 6/28/2022 2:23:25PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	LH Operating	Date Received:	06/28/22 10:15	Work Order ID:	E206198
Phone:	-	Date Logged In:	06/28/22 11:37	Logged In By:	Caitlin Christian
Email:	lnevels@hazmatspecialservices.com	Due Date:	07/05/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	No	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Comments/Resolution

Time sampled, Matrix and # of containers not provided on COC.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Attachment V
NMOCD Form C-141

Reply all Delete Junk Block ...

Skelly 120 napp2208945302 Notice of Final Samples

LN Lindsey Nevels

To: OCD.Enviro@state.nm.us

Mon 6/20/2022 3:58 PM

Notice of composite closure sampling : June 23, 2022 7:00a.m LH Operating Skelly 120 napp2208945302 GPS:32.829465 -103.846453

Respectively,

Lindsey Nevels
Environmental Manager
Lindsey@Tsquaredenergy.com
432-241-2480

Reply Forward

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 Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2208945302
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party LH Operating, LLC	OGRID 326578
Contact Name Mike Burton	Contact Telephone 575-499-5306
Contact email Mike@lhoperating.com	Incident # *(assigned by OCD)*
Contact mailing address	

Location of Release Source

Latitude 32.829465 Longitude -103.846453
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Skelly 120	Site Type Oil
Date Release Discovered 3/12/2022	API# *(if applicable)* 30-015-22254

Unit Letter	Section	Township	Range	County
M	14	17S	31E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls) 0.5	Volume Recovered (bbls) 0
☒ Produced Water	Volume Released (bbls) 0.5	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Flowline failure

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2208945302
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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.

Printed Name: Mike Burton Title: _____

Signature: _____ Date: 3/21/2022

email: Mike@lhoperating.com Telephone: 575-499-5306

OCD Only

Received by: Jocelyn Harimon Date: 04/01/2022

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2208945302
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	100 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2208945302
District RP	
Facility ID	
Application ID	

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.

Printed Name: Mike Burton Title:

Signature: Date: 3/21/2022

email: mike@lhoperating.com Telephone: 575-499-5306

OCD Only

Received by: Jocelyn Harimon Date: 11/10/2022

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2208945302
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: Mike Burton Title: _____

Signature: _____ Date: 3/21/2022

email: mike@lhoperating.com Telephone: 575-499-5306

OCD Only

Received by: Jocelyn Harimon Date: 11/10/2022

☒ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: 11/10/2022

Incident ID	NAPP2208945302
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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

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: _____ Date: _____

Printed Name: _____ Title: _____

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

COMMENTS

Action 95228

COMMENTS

Operator: LH Operating, LLC 4809 Cole Ave Dallas, TX 75205	OGRID: 329319
	Action Number: 95228
	Action Type: [C-141] Release Corrective Action (C-141)

COMMENTS

Created By	Comment	Comment Date
jharimon	C-141 Pgs. 3-5 were submitted without supporting documents and signatures.	4/14/2022

Form C-141 State of New Mexico
Page 6 Oil Conservation Division

Incident ID	NAPP2208945302
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: John Denman Title: Engineer

Signature: Date: 7/18/22

email: john@LHOperating.com Telephone: 575-499-5306

OCD Only

Received by: Jocelyn Harimon Date: 11/10/2022

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: Date: 11/10/2022

Printed Name: Jocelyn Harimon Title: Environmental Specialist

Remediation Summary & Closure Request

LH Operating, LLC
Skelly 120
Eddy County, New Mexico
Latitude 32.829465 North, Longitude 103.846453 West
Unit Letter "M, Section 14, Township 17 South, Range 31 East
NMOCD Incident # NAPP2208945302

Prepared By:

T Squared Energy Environmental Services
1057 County Road 309
Orange Grove, Tx 78372

Lindsey Nevels
Environmental Managing Partner
Lindsey@Tsquaredenergy.com

Table Of Contents

July 12, 2022

New Mexico Energy, Minerals & Natural Resources
NMOCD District 2
C/O: Mike Bratcher & Robert Hamlet
1625 N French Drive
Hobbs, NM 88240

Bureau Of Land Management
C/O: Shelly Tucker
620 E. Green Street
Carlsbad, NM 8820

LH Operating, LLC
4809 Cole Ave, Ste 200
Dallas, Tx 79705

RE: Remediation Summary & Closure Request
LH Operating, LLC
Skelly 120
Latitude 32.829465 North, Longitude 103.846453 West
Unit Letter "M," Section 14, Township 17 South, Range 31 East
Eddy County, New Mexico
NMOCD Incident # NAPP2208945302

T Squared Energy Services, on behalf of LH Operating, LLC. submits this *Closure Request* to the New Mexico Oil Conservation Division (NMOCD). This Report provides documentation of detailed sampling and remediation actions to address the Skelly 120 release. This report serves as a condensed update on field activities undertaken at the afore referenced Site.

Project Information

The site is in Unit Letter M (SW/SW) Section 14, Township 17 South, Range 31 East. The spill area measures approximately 300 sq. ft. and is approximately 10 miles west of Maljimar, New Mexico on Federal Land. Site Map included. Latitude 32.829465 North, Longitude 103.846453

1.0 Background

On March 12 ,2022, a release was discovered on active flowline in pasture area. Approximately 0.5 BBLS of crude oil was released with 0 recovered and 0.5bbls of produced water released with 0 recovered.

Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. Remediation pages of the NMOCD Form C-141 are included as Attachment V. Topographic Map, OSE POD Locations Map, USGS Well Locations Map, Soil Bore Location Map, Delineation Map, and Excavation Map are included as Figure 1, Figure 2, Figure 3, Figure 4, Figure 5, and Figure 6 respectively.

2.0 NMOCD Site Classification:

A search of the New Mexico Office of the State Engineer (NMOSE)and United States Geological Survey (USGS)groundwater databases was completed to determine the horizontal distance to known water sources within a half-mile radius of the Release Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information.

One USGS well was located near the site with reported depth to water of 271’ below surface. However, it does not meet NMOCD criteria for age of data, distance of the data point well from the release point.
Published data shows on January 21, 2010, an investigation soil bore was drilled by use of air driller within a half of mile radius from the Skelly 120 release. The investigation soil bore was advanced to a depth of approximately 61’ indicating groundwater is greater than 50’. No moisture or groundwater was encountered during drilling activities. The location of the investigative soil bore is depicted in Figure 4. A drilling log is provided as Attachment II.

Confirmation email concerning groundwater data with EMNRD is provided as Attachment II respectively.

Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows.

Table 1			271’	51’
>100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	20,000 mg/kg	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg	10 mg/kg

* Measured in milligrams per kilogram (mg/kg)
† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).
‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D. (1) NMAC.

3.0 Delineation Activities

On June 13, 2022, T Squared conducted an initial site assessment. During the initial assessment, a series of hand augured soil bores were advanced within the release margins to determine the vertical extent of impacted soil. In addition, sample test trenches were advanced along the inferred edges of the affected area to determine the horizontal extent of contamination. During the advancement of the soil bores and test trenches, soil samples were collected, and field screened for the presence of volatile organic compounds via a photoionization detector (PID) and chloride concentrations utilizing a Hach Quan tab® chloride test kit.

Based on field observations and field test data, T Squared collected (16) sixteen representative soil samples for laboratory analysis.

- Delineation soil samples represented by POI, Sp1, SP2, SP3, HZ1, HZ2, HZ3, and HZ4 were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard except for (POI- Surf, SP2-Surf), (SP3-Surf), (HZ2-Surf & 1’), (HZ3-1’), (HZ4-Surf), and (HZ4-1’) in each of the submitted soil samples.

- Due to human error transporting samples, SP1 -Surf and SP3-4' where broken during transit. Bottom Hole samples represented by FL 1 and FL 2 was collected in order to achieve full vertical delineation efforts.

A delineation Sample Location Map is provided as Figure 4. A summary of Soil Sample Laboratory Analytical Results is provided as Table 2, and Laboratory Analytical Reports are provided as Attachment IV.

4.0 Remediation Activities

In accordance with the NMOCD, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was mechanically excavated and transported to an NMOCD-approved surface waste facility for disposal. The sidewalls of the excavation were advanced until field observations and test results suggested BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard.

Area represented by POI, SP1, SP2, SP3 was excavated to approximately 4'bgs. HZ1-HZ4 was excavated approximately 2' outward in each cardinal direction. Bottom hole composite closure samples and composite sidewall samples were collected and sent to a laboratory. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard the Horizontal extent was defined.

The excavated area measured approximately 30 feet in length, 10 feet in width and 4' in depth. During remediation activities approximately 44 cubic yards of impacted soil were excavated and hauled to an NMOCD approved disposal facility.

Confirmation soil samples represented by FL1-FL3 and SW1-SW4 (five-point composites representing no more than 200 ft of the excavated area) were collected from the floor and sidewalls of excavated area.

A Delineation Sample Map and Excavation Sample Map along with composite closure locations are provided as Figure 5 and Figure 6, respectively. Field data is provided as Attachment III. A Summary of Soil Sample Laboratory Analytical Results is provided as Table 2 and Laboratory Analytical Reports are provided as Attachment IV.

Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, the excavated areas were backfilled with locally sourced clean, non-impacted "like" material placed at or near relative positions. The affected area was contoured and/or compacted to achieve erosion control, stability, and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture free of noxious weeds during the first favorable growing season following closure of the site.

5.0 Soil Closure request

Remediation activities were conducted in accordance with applicable NMOCD Regulations. Laboratory analytical results from composite confirmation samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria. The site has been remediated to meet the standards of Table 1 of 19.15.29.12 NMAC; therefore, T Squared Energy recommends LH Operating, LLC provide copies of this *Remediation Summary and Closure Request* to the appropriate agencies and respectfully requests Closure be granted for the referenced release.

Limitations:

T Squared Energy has prepared this *Site Assessment and Closure Request to* the best of its ability. No other warranty, expressed or implied, is made or intended. T Squared has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. T Squared has not conducted an independent examination of the facts contained in referenced materials and statements. T Squared has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. T Squared notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report. T Squared has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants.

This report has been prepared for the benefit of LH Operating. Use of the information contained in this report is prohibited with consent of T Squared and/or LH Operating, LLC.

Distribution:

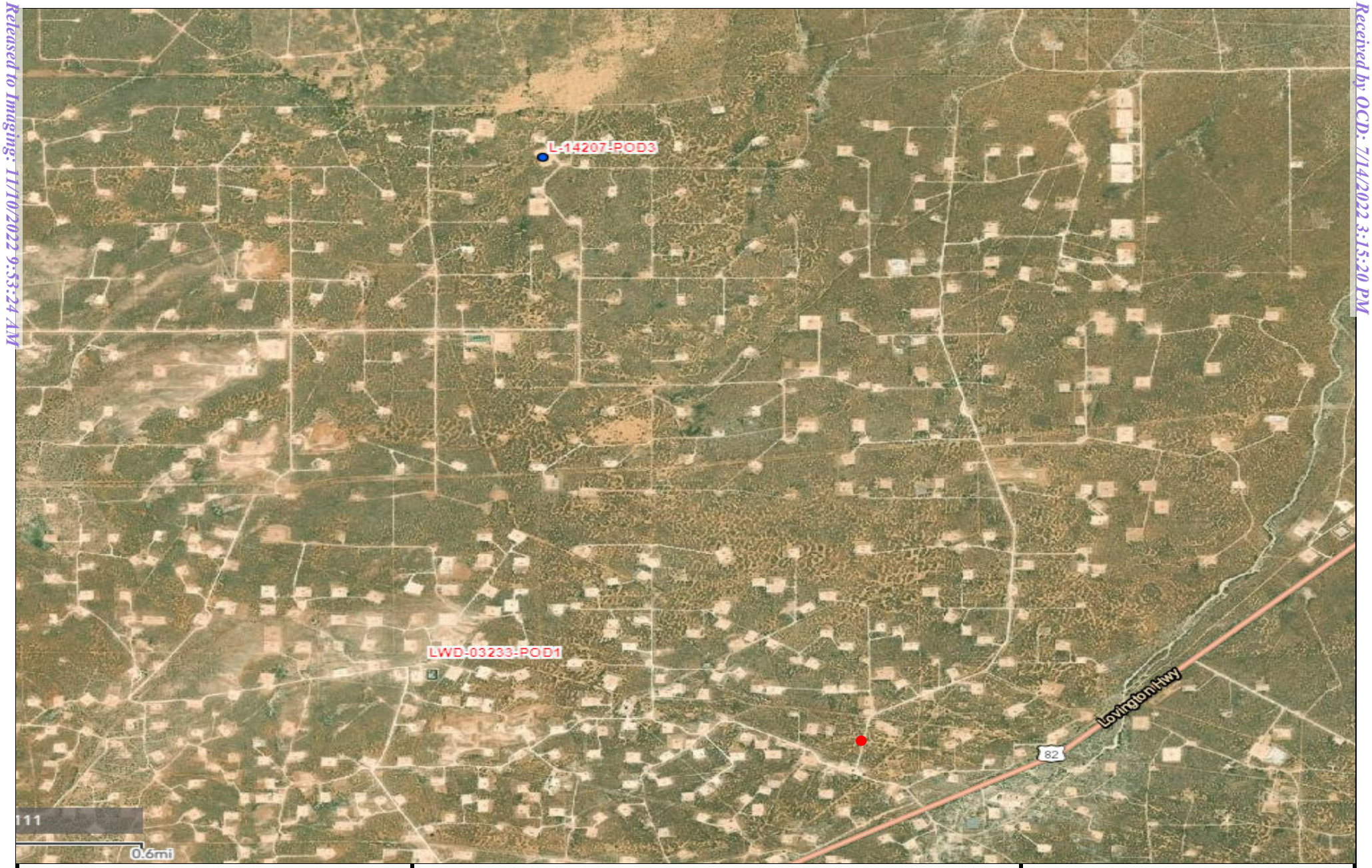
LH Operating, LLC
4809 Cole Ave #106
Dallas, TX 75205

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 2
1625 N. French Drive
Hobbs, NM 88240

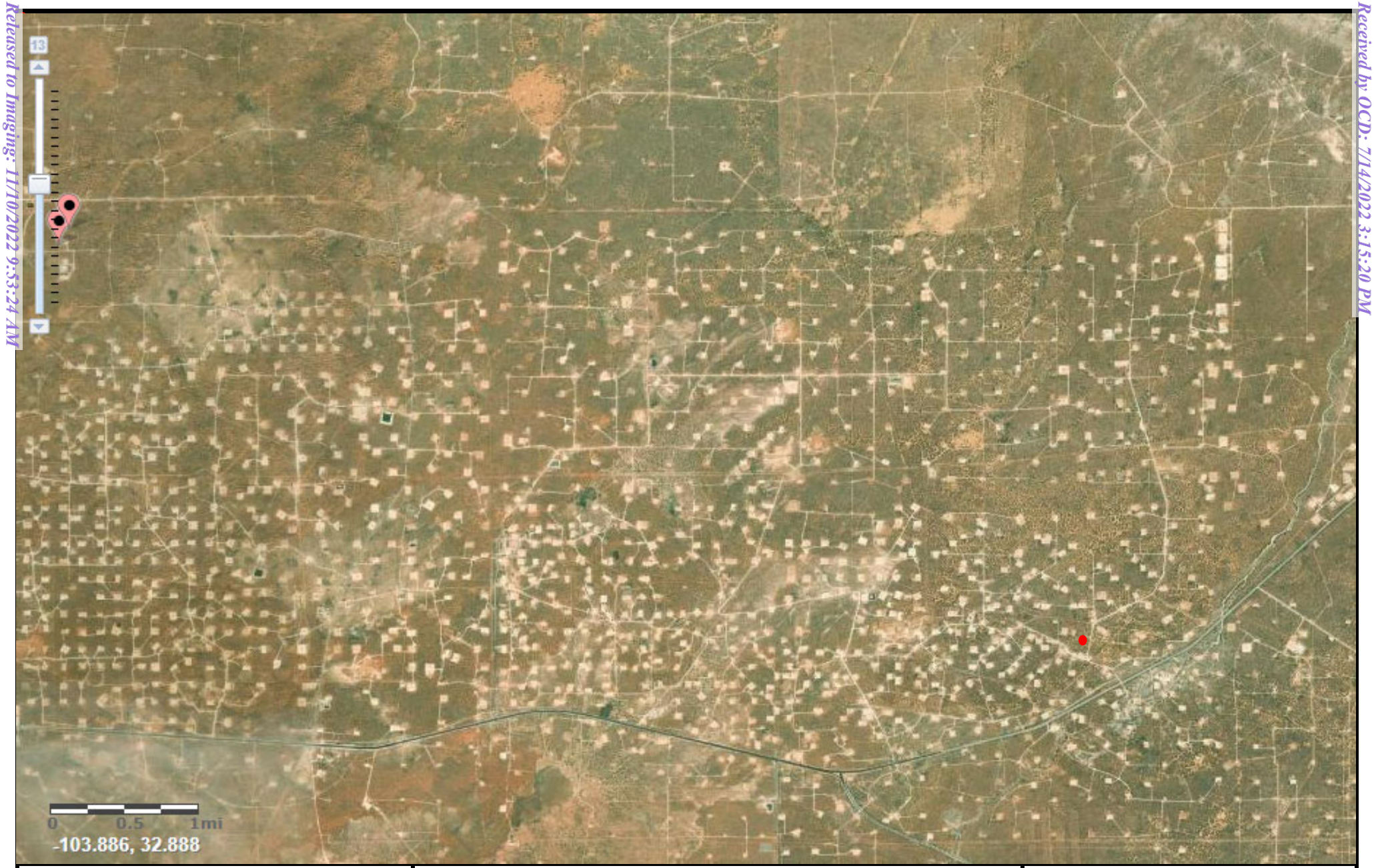
Hobbs Field Office
New Mexico State Land Office
2827 North Dal Paso Street
Hobbs, NM 88240

Figures

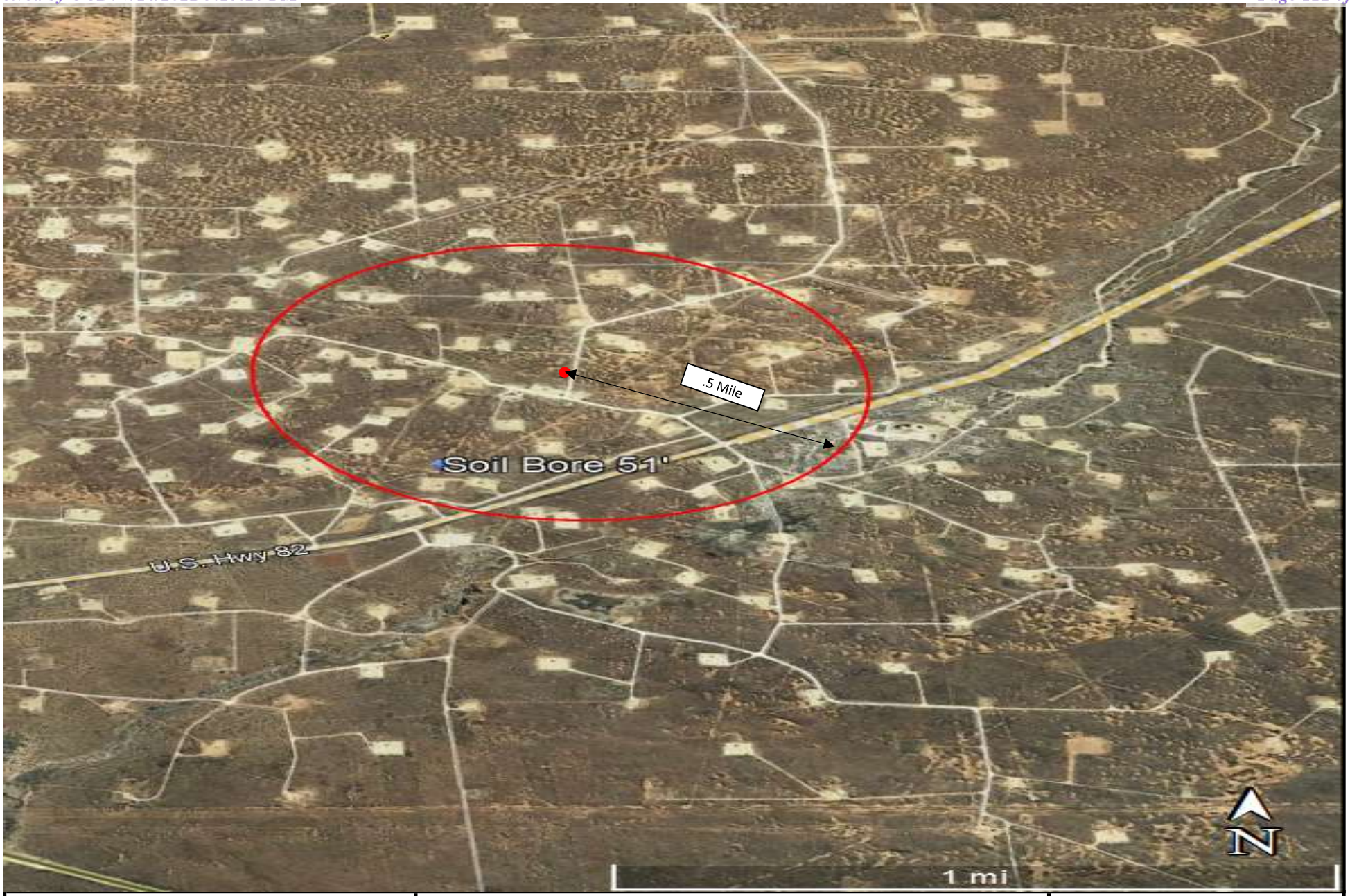
Legend	Topography Map	Figure 1
● Skelly 120 Location	LH Operating, LLC Skelly 120 GPS: 32.829465, -103.846453 Eddy County	



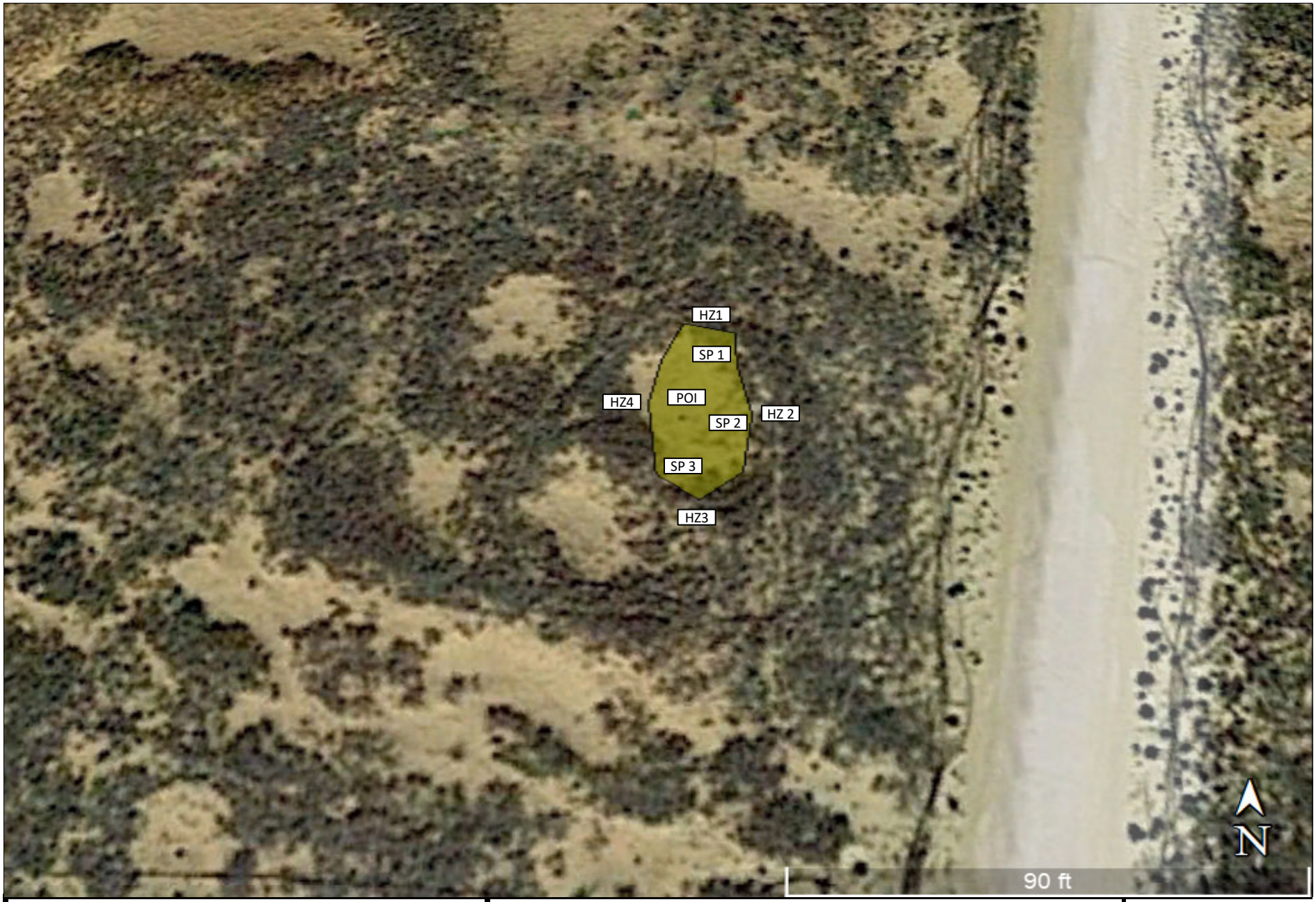
Legend:	OSE POD Locations Map	Figure 2
Skelly 120 Location Active OSE Water Well	LH Operating, LLC Skelly 120 GPS: 32.829465, -103.846453 Eddy County	



Legend:	USGS Well Locations Map	Figure 3
H E West B 34 Location USGS Well Location	LH Operating, LLC H E West B 34 GPS: 32.829465, -103.846453 Eddy County	



Legend:	Soil Bore Location Location Map	Figure 4
Skelly 120 Soil Bore Location	LH Operating, LLC Skelly 120 32.82946 -103.84645 Eddy County	



Legend:	Delineation Sample Map	Figure 5
Release Area SP1 Delineation Sample Location	LH Operating, LLC Skelly 120 GPS: 32.829465, -103.846453 Eddy County New Mexico	

Legend	Excavation Sample Map	Figure 6
Excavated Area CFS1 Composite Confirmation Sample Location	LH Operating, LLC Skelly 120 GPS: 32.829465, -103.846453 Eddy County	T SQUARED ENERGY FIELD SERVICES

Table 2

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
LH Operating
Skelly 120
NMOCD Ref. #: NAPP2208945302

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C_6-C_{10} (mg/kg)	DRO C_{10}-C_{28} (mg/kg)	GRO + DRO C_6-C_{28} (mg/kg)	ORO C_{28}-C_{36} (mg/kg)	TPH C_6-C_{36} (mg/kg)	Chloride (mg/kg)
POI	6/13/22	Surf	In-Situ	0.0275	4.28	56	**30,700**	**30,756**	**23,500**	**54,256**	**7,630**
	6/13/22	4'	In-Situ	ND	4.49	ND	13,500	13,500	6,200	19,700	756
SP1	6/13/22	4'	In-Situ	ND	ND	ND	**141**	**141**	**168**	**309**	**1,230**
FL 1	7/6/2022	5'	Excavted	ND	ND	ND	128	128	136	264	152
SP2	6/13/22	Surf	In-Situ	ND	ND	ND	**474**	**474**	**571**	**1,045**	**12,700**
	6/13/22	4'	In-Situ	ND	ND	ND	ND	ND	ND	ND	424
SP3	6/13/22	Surf	In-Situ	ND	ND	ND	95	95	**148**	**243**	**908**
FL 2	7/6/2022	4'	Excavated	ND	ND	ND	137	137	167	304	187
FL3	7/6/2022	4'	Excavted	ND	ND	ND	266	266	275	541	475
HZ 1	6/13/22	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	30
	6/13/22	1'	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
HZ 2	6/13/22	Surf	In-Situ	ND	ND	ND	63.2	63.2	65.8	**129**	**658**
	6/13/22	1'	In-Situ	ND	ND	ND	**212**	**212**	**204**	**416**	ND
HZ 3	6/13/22	Surf	In-Situ	ND	ND	ND	ND	ND	ND	ND	81
	6/13/22	1'	In-Situ	ND	ND	ND	**500**	**500**	**396**	**896**	23
HZ 4	6/13/22	Surf	In-Situ	ND	ND	ND	**81.2**	**81.2**	**81**	**162.2**	29
	6/13/22	1'	In-Situ	ND	ND	ND	**57.8**	**57.8**	**63.9**	**121.7**	101
SW 1	6/23/22		Excavated	ND	ND	ND	37.4	ND	ND	ND	ND
SW 2	6/23/22		Excavated	ND	ND	ND	26.2	ND	ND	ND	ND
SW 3	6/23/22		Excavated	ND	ND	ND	ND	ND	ND	ND	ND
SW 4	6/23/22		Excavated	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
- = Sample not analyzed for that constituent.
Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Attachment I
Site Photographs

Photographs

Photo:	Description: Before

Photo:	Description: During

Photographs

Photo: 3	Description: During

Photo: 4	Description: After

Attachment II
Depth to Groundwater

Lindsey Nevels

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Wednesday, March 9, 2022 8:20 AM
To: Bratcher, Mike, EMNRD; Lindsey Nevels
Subject: RE: [EXTERNAL] Ground Water Published Data

Lindsey,

Please make sure this is included in your remediation/closure report.

Thank you for the information.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Tuesday, March 8, 2022 3:22 PM
To: Lindsey Nevels <lnevels@hazmatspecialservices.com>
Cc: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Subject: RE: [EXTERNAL] Ground Water Published Data

Lindsey,

Yes you can use this information to show no groundwater less than 50'. Note Rob Hamlet's email address.

Thanks,

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/

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	L 14207 POD1	3	3	2	01	17S	36E	658500	3637679

Driller License:	1456	**Driller Company:**	WHITE DRILLING COMPANY		
Driller Name:	WHITE, JOHN W				
Drill Start Date:	10/07/2016	**Drill Finish Date:**	10/12/2016	**Plug Date:**	
Log File Date:	12/12/2016	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	4.00	**Depth Well:**	240 feet	**Depth Water:**	100 feet

Water Bearing Stratifications:	Top	Bottom	Description
	60	110	Sandstone/Gravel/Conglomerate
	110	112	Sandstone/Gravel/Conglomerate
	112	117	Sandstone/Gravel/Conglomerate
	140	170	Sandstone/Gravel/Conglomerate
	170	190	Sandstone/Gravel/Conglomerate
	190	200	Sandstone/Gravel/Conglomerate
	200	216	Sandstone/Gravel/Conglomerate
	216	218	Sandstone/Gravel/Conglomerate
	218	226	Sandstone/Gravel/Conglomerate
	226	240	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	90	230

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	LWD 03233 POD1		1	4	16	17S	31E	605524	3633307*

Driller License: **Driller Company:**

Driller Name:

Drill Start Date: **Drill Finish Date:** **Plug Date:**

Log File Date: **PCW Rcv Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: **Depth Well:** **Depth Water:**

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: L 14207 **Subbasin:** L **Cross Reference:** -

Primary Purpose: MON MONITORING WELL

Primary Status: PMT PERMIT

Total Acres: **Subfile:** - **Header:** -

Total Diversion: 0 **Cause/Case:** -

Owner: CHEVRON MIDCONTINENT LP

Contact: SCOTT FOORD

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	629010	EXPL	2018-07-20	PMT	APR	L 14207 POD5-7	T	0	0	
get images	629009	EXPL	2018-07-19	PMT	PRC	L 14207 POD8	T	0	0	
get images	628990	EXPL	2018-07-19	PMT	PRC	L 14207 POD4	T	0	0	
get images	593141	EXPL	2016-09-30	PMT	LOG	L-14207 POD1-3	T	0	0	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
L 14207 POD1		Shallow	3	3	2	01	17S	36E	658500	3637679	MW-1 LPU-59
L 14207 POD2		Shallow	2	4	1	01	17S	36E	658222	3637712	LPU-60
L 14207 POD3		Shallow	2	3	3	31	16S	37E	606117	3636977	LPU-96
L 14207 POD4	NA		4	4	1	01	17S	36E	658239	3637687	MW-2 (LPU-60)
L 14207 POD5	NA			2	2	01	17S	36E	658596	3638048	MW-14 (WATER PLANT)
L 14207 POD6	NA			1	2	01	17S	36E	658624	3637936	MW-15 (WATER PLANT)
L 14207 POD7	NA			2	2	01	17S	36E	658438	3638022	MW-16 (WATER PLANT)
L 14207 POD8	NA		4	3	2	01	17S	36E	658527	3637655	

National Water Information System: Web Interface

USGS Water Resources

Data Category: Site Information | 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

USGS 325216103575701 16S.30E.33.42443

Available data for this site SUMMARY OF ALL AVAILABLE DATA | GO

Well Site

DESCRIPTION:

Latitude 32°52'16", Longitude 103°57'57" NAD27
Eddy County, New Mexico , Hydrologic Unit 13060011
Well depth: 385 feet
Land surface altitude: 3,729 feet above NAVD88.
Well completed in "Other aquifers" (N9999OTHER) national aquifer.
Well completed in "Santa Rosa Sandstone" (231SNRS) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1986-04-25	1986-04-25	1
Revisions	Unavailable (site:0) (timeseries:0)		

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center
Email questions about this site to New Mexico Water Science Center Water-Data Inquiries

---

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Title: NWIS Site Information for USA: Site Inventory
URL: https://waterdata.usgs.gov/nwis/inventory?agency_code=USGS&site_no=325216103575701

Page Contact Information: New Mexico Water Data Support Team
Page Last Modified: 2022-07-12 16:10:23 EDT
0.28 0.26 caww01

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- Full News

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 325216103575701

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 325216103575701 16S.30E.33.42443

Eddy County, New Mexico
Latitude 32°52'16", Longitude 103°57'57" NAD27
Land-surface elevation 3,729 feet above NAVD88
The depth of the well is 385 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) 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
1986-04-25		D	62610		3365.01	NGVD29	1	Z		
1986-04-25		D	62611		3366.56	NAVD88	1	Z		
1986-04-25		D	72019	362.44			1	Z		

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	Z	Other.
Measuring agency		Not determined

Section	Code	Description
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

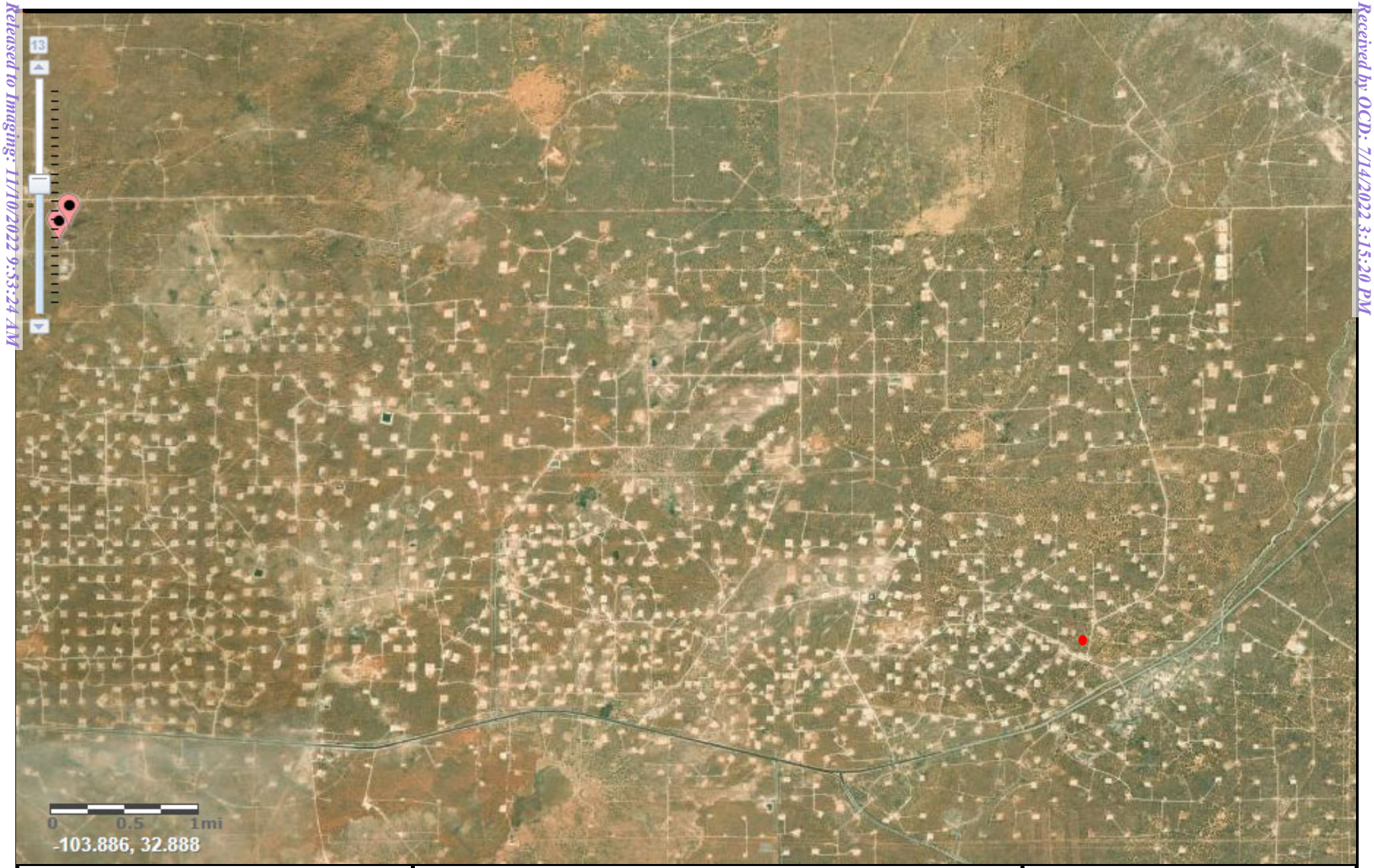
Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

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: 2022-07-12 16:10:46 EDT
0.39 0.36 nadww01



Legend:	USGS Well Locations Map	Figure 3
H E West B 34 Location USGS Well Location	LH Operating, LLC H E West B 34 GPS: 32.829465, -103.846453 Eddy County	

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: LWD 03233 **Subbasin:** RA **Cross Reference:** LWD-RA-319

Primary Purpose: PLS NON 72-12-1 LIVESTOCK WATERING

Primary Status: DCL DECLARATION

Total Acres: 1 **Subfile:** - **Header:** -

Total Diversion: 6 **Cause/Case:** -

Owner: CHARLES R MARTIN INC

Contact: CHARLES M WARD, VP

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	696718	DCL	1992-09-28	DCL	PRC	LWD-RA-319	T	1	6	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
LWD 03233 POD1			1	4	16	17S	31E		605524	3633307*	

***An (*) after northing value indicates UTM location was derived from PLSS - see Help**

Priority Summary

Priority	Status	Acres	Diversion	Pod Number
12/31/1952	DCL	1	6	LWD 03233 POD1

Place of Use

Q 256	Q 64	Q16	Q4	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
	1	4	16	17S	31E		1	6		PLS	12/31/1952	DCL	

Source

Acres	Diversion	CU	Use	Priority	Source	Description
1	6		PLS	12/31/1952	SW	

7/12/22 1:57 PM WATER RIGHT SUMMARY

Attachment III
Field Data

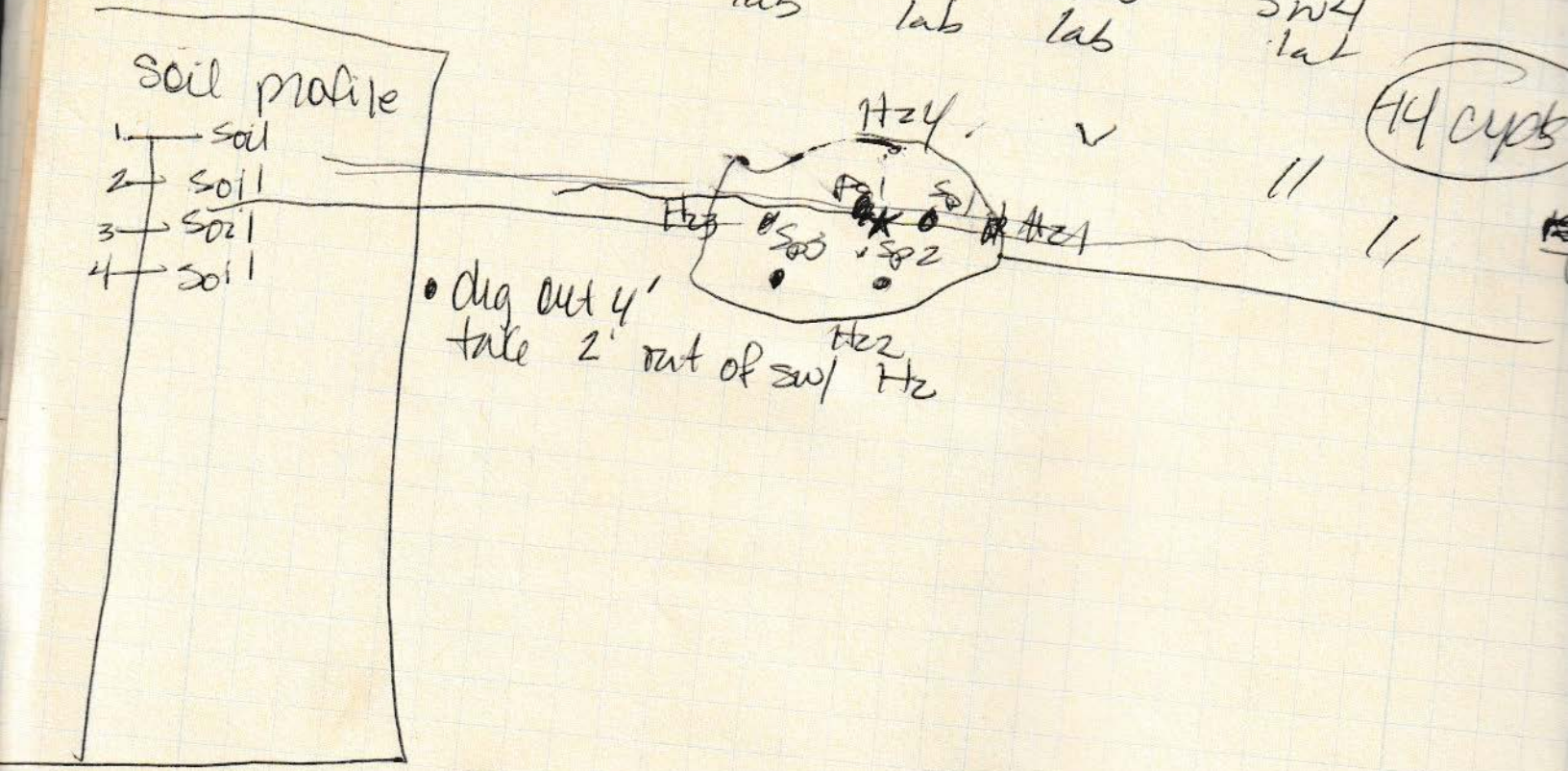
Skelly Unit 120 32.826350, -103.847[illegible]

Lab:	POI-Surf TPH	SP1-Surf TPH	SP2-Surf TPH	SP3-Surf (4/30/22)
POI Surf	1' TPH 3460	1', 196	1' / 400	1' TPH
SP1-Surf	2' TPH 1411	2', 120	2 / 400	2' <100 TPH
SP2-Surf	3' TPH 120	3', 20'	3 <100	3' <100 TPH
SP3-Surf	4' TPH -0	4' 120 lab	4 <100 lab	4' <100

Hz1 - Surf <100 Hz 2 - Surf <100 Hz 3 - Surf <100 Hz 4 - Surf <100

1' <100	1' <100	1' <100	1' <00

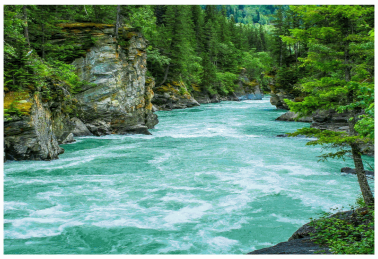
FL1 lab | FL2 lab | FL3 lab | SW1 lab | SW2 lab | SW3 lab | SW4 lab



Attachment IV
Laboratory Analytical Reports

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

LH Operating

Project Name: Skelly 120

Work Order: E206123

Job Number: 22055-0001

Received: 6/16/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/22/22

Date Reported: 6/22/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 120
Workorder: E206123
Date Received: 6/16/2022 1:12:00PM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/16/2022 1:12:00PM, under the Project Name: Skelly 120.

The analytical test results summarized in this report with the Project Name: Skelly 120 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	06/22/22 16:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
poi - Surf	E206123-01A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
poi - 4'	E206123-02A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Sp1 - 4'	E206123-03A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Sp2 - Surf	E206123-04A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Sp2 - 4'	E206123-05A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Sp3 - Surf	E206123-06A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

poi - Surf

E206123-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Benzene	**0.0275**	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	**1.38**	0.0250	1	06/20/22	06/21/22	
Toluene	**0.710**	0.0250	1	06/20/22	06/21/22	
o-Xylene	**1.31**	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	**2.97**	0.0500	1	06/20/22	06/21/22	
Total Xylenes	**4.28**	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*99.8 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Gasoline Range Organics (C6-C10)	**56.0**	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*99.8 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226019
Diesel Range Organics (C10-C28)	**30700**	2500	100	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	**23500**	5000	100	06/20/22	06/21/22	
Surrogate: n-Nonane		*135 %*	*50-200*	*06/20/22*	*06/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**7630**	200	10	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

poi - 4'

E206123-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Benzene	ND	0.500	20	06/20/22	06/21/22	
Ethylbenzene	**1.10**	0.500	20	06/20/22	06/21/22	
Toluene	ND	0.500	20	06/20/22	06/21/22	
o-Xylene	**1.68**	0.500	20	06/20/22	06/21/22	
p,m-Xylene	**2.81**	1.00	20	06/20/22	06/21/22	
Total Xylenes	**4.49**	0.500	20	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*93.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Gasoline Range Organics (C6-C10)	ND	400	20	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*93.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226019
Diesel Range Organics (C10-C28)	**13500**	2500	100	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	**6200**	5000	100	06/20/22	06/21/22	
Surrogate: n-Nonane		*184 %*	*50-200*	*06/20/22*	*06/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**756**	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Sp1 - 4'

E206123-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226019
Diesel Range Organics (C10-C28)	**141**	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	**168**	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		*104 %*	*50-200*	*06/20/22*	*06/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**1230**	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Sp2 - Surf

E206123-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*93.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*93.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226019
Diesel Range Organics (C10-C28)	**474**	125	5	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	**571**	250	5	06/20/22	06/21/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*06/20/22*	*06/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**12700**	400	20	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Sp2 - 4'

E206123-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226019
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		*85.9 %*	*50-200*	*06/20/22*	*06/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**424**	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Sp3 - Surf

E206123-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.3 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226021
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.3 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2226019
Diesel Range Organics (C10-C28)	**94.5**	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	**148**	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		*103 %*	*50-200*	*06/20/22*	*06/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**908**	20.0	1	06/20/22	06/20/22	

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226021-BLK1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.511*		*0.500*		*102*	*70-130*			
LCS (2226021-BS1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	2.33	0.0250	2.50		93.2	70-130			
Ethylbenzene	2.29	0.0250	2.50		91.6	70-130			
Toluene	2.25	0.0250	2.50		90.2	70-130			
o-Xylene	2.21	0.0250	2.50		88.2	70-130			
p,m-Xylene	4.43	0.0500	5.00		88.6	70-130			
Total Xylenes	6.64	0.0250	7.50		88.5	70-130			
Surrogate: Bromofluorobenzene	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
LCS Dup (2226021-BSD1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	2.35	0.0250	2.50		94.1	70-130	0.983	23	
Ethylbenzene	2.33	0.0250	2.50		93.1	70-130	1.67	27	
Toluene	2.29	0.0250	2.50		91.6	70-130	1.54	24	
o-Xylene	2.25	0.0250	2.50		89.9	70-130	1.86	27	
p,m-Xylene	4.52	0.0500	5.00		90.4	70-130	2.01	27	
Total Xylenes	6.77	0.0250	7.50		90.3	70-130	1.96	27	
Surrogate: Bromofluorobenzene	*0.497*		*0.500*		*99.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.515*		*0.500*		*103*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226021-BLK1)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.471*		*0.500*		*94.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.511*		*0.500*		*102*	*70-130*			
LCS (2226021-BS2)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	56.8	20.0	50.0		114	70-130			
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.517*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			
LCS Dup (2226021-BSD2)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0		111	70-130	2.72	20	
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.526*		*0.500*		*105*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226019-BLK1)									Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*49.8*		*50.0*		*99.5*	*50-200*			
LCS (2226019-BS1)									Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	486	25.0	500		97.2	38-132			
Surrogate: n-Nonane	*49.9*		*50.0*		*99.7*	*50-200*			
Matrix Spike (2226019-MS1)				**Source: E206122-07**					Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	803	25.0	500	255	110	38-132			
Surrogate: n-Nonane	*51.7*		*50.0*		*103*	*50-200*			
Matrix Spike Dup (2226019-MSD1)				**Source: E206122-07**					Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	761	25.0	500	255	101	38-132	5.27	20	
Surrogate: n-Nonane	*48.7*		*50.0*		*97.3*	*50-200*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 4:22:47PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226025-BLK1)									Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	ND	20.0							
LCS (2226025-BS1)									Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2226025-MS1)				**Source: E206123-01**					Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	4690	200	250	7630	NR	80-120			M4
Matrix Spike Dup (2226025-MSD1)				**Source: E206123-01**					Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	8670	200	250	7630	417	80-120	59.5	20	M4, R3

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	06/22/22 16:22

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Client: LH Operating
Project: Skelly 120
Sampler: Y.N
Phone: 432 241-2480
Email(s): Lindsey@Tsquaredenergy.com
Project Manager: Z.N

RUSH? ☐ 1d ☐ 3d

Lab Use Only
Lab WO# PE 206123
Job Number 22055-0001

Page 1 of 1

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015 DRO	BTEX by 8021	TPH by ~~418.1~~ 8015	Chloride by 300.0	lab Only: Lab Number	Correct Cont/Prsrv (s) Y/N
p01 - Surf	6/13/22	1:00pm	S						1	
p01 - 4'		1:15							2	
~~Sp1 - Surf~~		1:30		Broken Jar JJ 6.14.22						
Sp1 - 4'		1:45							3	
Sp2 - Surf		2:00							4	
Sp2 - 4'		2:15							5	
Sp3 - Surf		2:30							6	
Sp3 - 4'		2:45		No sample Rec'd AL 6/16/22					7	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/14/22			6.14.22	1530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6.15.22	1545		6/16/22	13:12

Lab Use Only
**Received on Ice Y / N
T1____ T2____ T3____
AVG Temp °C 4

Sample Matrix: ~~S~~ - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____
Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 6/20/2022 1:05:39PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	LH Operating	Date Received:	06/16/22 13:12	Work Order ID:	E206123
Phone:	-	Date Logged In:	06/16/22 14:57	Logged In By:	Alexa Michaels
Email:	lnevels@hazmatspecialservices.com	Due Date:	06/21/22 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	No	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	No	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Comments/Resolution

Sample #7 SP3-4 not recieved.

Client Instruction

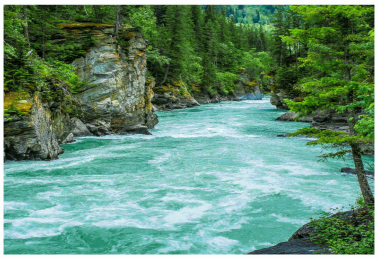
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

LH Operating

Project Name: Skelly 120

Work Order: E206124

Job Number: 22055-0001

Received: 6/16/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/22/22

Date Reported: 6/22/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 120
Workorder: E206124
Date Received: 6/16/2022 1:12:00PM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/16/2022 1:12:00PM, under the Project Name: Skelly 120.

The analytical test results summarized in this report with the Project Name: Skelly 120 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	06/22/22 13:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Hz1 - Surf	E206124-01A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Hz1 - 1'	E206124-02A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Hz2 - Surf	E206124-03A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Hz2 - 1'	E206124-04A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Hz3 - Surf	E206124-05A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Hz3 - 1'	E206124-06A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Hz4 - Surf	E206124-07A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.
Hz4 - 1'	E206124-08A	Soil	06/13/22	06/16/22	Glass Jar, 4 oz.

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz1 - Surf

E206124-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/20/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*06/20/22*	*06/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**30.0**	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz1 - 1'

E206124-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/20/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*06/20/22*	*06/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	ND	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz2 - Surf

E206124-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*94.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	**63.2**	25.0	1	06/20/22	06/20/22	
Oil Range Organics (C28-C36)	**65.8**	50.0	1	06/20/22	06/20/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*06/20/22*	*06/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**658**	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz2 - 1'

E206124-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	**212**	25.0	1	06/20/22	06/20/22	
Oil Range Organics (C28-C36)	**204**	50.0	1	06/20/22	06/20/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*06/20/22*	*06/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	ND	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz3 - Surf

E206124-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/22	06/20/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/22	06/20/22	
Surrogate: n-Nonane		*108 %*	*50-200*	*06/20/22*	*06/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**80.5**	20.0	1	06/20/22	06/20/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz3 - 1'

E206124-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.7 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.1 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	**500**	25.0	1	06/20/22	06/20/22	
Oil Range Organics (C28-C36)	**396**	50.0	1	06/20/22	06/20/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*06/20/22*	*06/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**22.6**	20.0	1	06/20/22	06/21/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz4 - Surf

E206124-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.0 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*95.0 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	**81.2**	25.0	1	06/20/22	06/20/22	
Oil Range Organics (C28-C36)	**81.0**	50.0	1	06/20/22	06/20/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*06/20/22*	*06/20/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**29.4**	20.0	1	06/20/22	06/21/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Hz4 - 1'

E206124-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Benzene	ND	0.0250	1	06/20/22	06/21/22	
Ethylbenzene	ND	0.0250	1	06/20/22	06/21/22	
Toluene	ND	0.0250	1	06/20/22	06/21/22	
o-Xylene	ND	0.0250	1	06/20/22	06/21/22	
p,m-Xylene	ND	0.0500	1	06/20/22	06/21/22	
Total Xylenes	ND	0.0250	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2226022
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/22	06/21/22	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/20/22*	*06/21/22*	
Surrogate: Toluene-d8		*96.4 %*	*70-130*	*06/20/22*	*06/21/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2226020
Diesel Range Organics (C10-C28)	**57.8**	25.0	1	06/20/22	06/21/22	
Oil Range Organics (C28-C36)	**63.9**	50.0	1	06/20/22	06/21/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*06/20/22*	*06/21/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2226025
Chloride	**101**	20.0	1	06/20/22	06/21/22	

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226022-BLK1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.483*		*0.500*		*96.6*	*70-130*			
LCS (2226022-BS1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	2.13	0.0250	2.50		85.2	70-130			
Ethylbenzene	2.12	0.0250	2.50		84.9	70-130			
Toluene	2.07	0.0250	2.50		82.7	70-130			
o-Xylene	2.20	0.0250	2.50		87.9	70-130			
p,m-Xylene	4.27	0.0500	5.00		85.4	70-130			
Total Xylenes	6.47	0.0250	7.50		86.2	70-130			
Surrogate: Bromofluorobenzene	*0.513*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.498*		*0.500*		*99.6*	*70-130*			
LCS Dup (2226022-BSD1)									Prepared: 06/20/22 Analyzed: 06/21/22
Benzene	2.35	0.0250	2.50		94.1	70-130	9.84	23	
Ethylbenzene	2.38	0.0250	2.50		95.1	70-130	11.3	27	
Toluene	2.34	0.0250	2.50		93.4	70-130	12.1	24	
o-Xylene	2.45	0.0250	2.50		98.2	70-130	11.0	27	
p,m-Xylene	4.81	0.0500	5.00		96.2	70-130	11.9	27	
Total Xylenes	7.27	0.0250	7.50		96.9	70-130	11.6	27	
Surrogate: Bromofluorobenzene	*0.517*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: Toluene-d8	*0.503*		*0.500*		*101*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226022-BLK1)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.522*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.483*		*0.500*		*96.6*	*70-130*			
LCS (2226022-BS2)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	44.5	20.0	50.0		89.0	70-130			
Surrogate: Bromofluorobenzene	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			
LCS Dup (2226022-BSD2)									Prepared: 06/20/22 Analyzed: 06/21/22
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.5	70-130	3.77	20	
Surrogate: Bromofluorobenzene	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.483*		*0.500*		*96.5*	*70-130*			
Surrogate: Toluene-d8	*0.509*		*0.500*		*102*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226020-BLK1)									Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.5*		*50.0*		*105*	*50-200*			
LCS (2226020-BS1)									Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	487	25.0	500		97.3	38-132			
Surrogate: n-Nonane	*50.1*		*50.0*		*100*	*50-200*			
Matrix Spike (2226020-MS1)				**Source: E206124-03**					Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	580	25.0	500	63.2	103	38-132			
Surrogate: n-Nonane	*52.1*		*50.0*		*104*	*50-200*			
Matrix Spike Dup (2226020-MSD1)				**Source: E206124-03**					Prepared: 06/20/22 Analyzed: 06/20/22
Diesel Range Organics (C10-C28)	613	25.0	500	63.2	110	38-132	5.50	20	
Surrogate: n-Nonane	*54.1*		*50.0*		*108*	*50-200*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	6/22/2022 1:52:58PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2226025-BLK1)									Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	ND	20.0							
LCS (2226025-BS1)									Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2226025-MS1)				**Source: E206123-01**					Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	4690	200	250	7630	NR	80-120			M4
Matrix Spike Dup (2226025-MSD1)				**Source: E206123-01**					Prepared: 06/20/22 Analyzed: 06/20/22
Chloride	8670	200	250	7630	417	80-120	59.5	20	M4, R3

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	06/22/22 13:52

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Client: Ld. operating
Project: Skelly 120
Sampler: L.M
Phone: 432241-2488
Email(s): Lindsey@Sawaedenerp.com
Project Manager: LA

RUSH? ☐ 1d ☐ 3d

Lab Use Only
Lab WO# PE206124
Job Number 22055-0001

Page 1 of 1

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by ~~418.1~~ 8015	Chloride by 300.0	lab Only: Lab Number	Correct Cont/Prsrv (s) Y/N
Hz1-Surf	6/13/22	3:00	S						1	
Hz1-1'		3:10							2	
Hz2-Surf		3:15							3	
Hz2-1'		3:20							4	
Hz3-Surf		3:30							5	
Hz3-1'		3:35							6	
Hz4-Surf		3:40							7	
Hz4-1		3:48							8	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/14/22			6.14.22	1530
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6.15.22	1545		6/16/22	13:12

Lab Use Only
**Received on Ice Y / N
T1____ T2____ T3____
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____
Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing info:

envirotech Analytical Laboratory
5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 6/20/2022 1:04:10PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	LH Operating	Date Received:	06/16/22 13:12	Work Order ID:	E206124
Phone:	-	Date Logged In:	06/16/22 14:59	Logged In By:	Alexa Michaels
Email:	lnevels@hazmatspecialservices.com	Due Date:	06/21/22 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Client Instruction

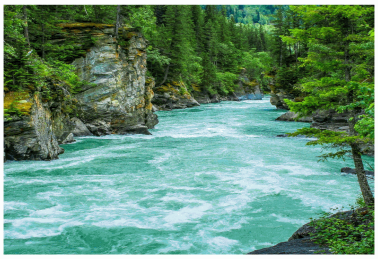
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Lindsey Nevels



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

LH Operating

Project Name: Skelly 120

Work Order: E206198

Job Number: 22055-0001

Received: 6/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

Date Reported: 7/6/22

Lindsey Nevels
4809 Cole Ave
Dallas, TX 75205

Project Name: Skelly 120
Workorder: E206198
Date Received: 6/28/2022 10:15:00AM

Lindsey Nevels,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/28/2022 10:15:00AM, under the Project Name: Skelly 120.

The analytical test results summarized in this report with the Project Name: Skelly 120 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	07/06/22 16:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL 1	E206198-01A	Soil	06/23/22	06/28/22	Glass Jar, 4 oz.
FL 2	E206198-02A	Soil	06/23/22	06/28/22	Glass Jar, 4 oz.
FL 3	E206198-03A	Soil	06/23/22	06/28/22	Glass Jar, 4 oz.
SW 1	E206198-04A	Soil	06/23/22	06/28/22	Glass Jar, 4 oz.
SW 2	E206198-05A	Soil	06/23/22	06/28/22	Glass Jar, 4 oz.
SW 3	E206198-06A	Soil	06/23/22	06/28/22	Glass Jar, 4 oz.
SW 4	E206198-07A	Soil	06/23/22	06/28/22	Glass Jar, 4 oz.

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

FL 1

E206198-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*95.0 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*95.0 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	**128**	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	**136**	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**152**	20.0	1	06/30/22	07/02/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

FL 2

E206198-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*95.3 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*95.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*95.3 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	**137**	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	**167**	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**187**	20.0	1	06/30/22	07/02/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

FL 3

E206198-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*92.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*93.5 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*92.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	**266**	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	**275**	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*118 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**475**	20.0	1	06/30/22	07/02/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

SW 1

E206198-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	**531**	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	**542**	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*126 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**152**	20.0	1	06/30/22	07/02/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

SW 2

E206198-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*94.2 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*94.2 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	**1880**	125	5	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	**1550**	250	5	06/28/22	07/02/22	
Surrogate: n-Nonane		*149 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**216**	20.0	1	06/30/22	07/02/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

SW 3

E206198-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	**698**	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	**654**	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*141 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**564**	20.0	1	06/30/22	07/02/22	

Sample Data

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

SW 4

E206198-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*94.5 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227050
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*94.5 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*120 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**236**	20.0	1	06/30/22	07/02/22	

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2227050-BLK1)									Prepared: 06/28/22 Analyzed: 07/05/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.525*		*0.500*		*105*	*70-130*			
Surrogate: Toluene-d8	*0.473*		*0.500*		*94.6*	*70-130*			
LCS (2227050-BS1)									Prepared: 06/28/22 Analyzed: 07/05/22
Benzene	2.18	0.0250	2.50		87.2	70-130			
Ethylbenzene	2.16	0.0250	2.50		86.5	70-130			
Toluene	2.12	0.0250	2.50		84.8	70-130			
o-Xylene	2.23	0.0250	2.50		89.2	70-130			
p,m-Xylene	4.41	0.0500	5.00		88.1	70-130			
Total Xylenes	6.64	0.0250	7.50		88.5	70-130			
Surrogate: Bromofluorobenzene	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: Toluene-d8	*0.493*		*0.500*		*98.6*	*70-130*			
LCS Dup (2227050-BSD1)									Prepared: 06/28/22 Analyzed: 07/05/22
Benzene	2.20	0.0250	2.50		88.1	70-130	0.981	23	
Ethylbenzene	2.23	0.0250	2.50		89.3	70-130	3.19	27	
Toluene	2.21	0.0250	2.50		88.3	70-130	4.02	24	
o-Xylene	2.32	0.0250	2.50		92.8	70-130	3.91	27	
p,m-Xylene	4.56	0.0500	5.00		91.1	70-130	3.36	27	
Total Xylenes	6.88	0.0250	7.50		91.7	70-130	3.54	27	
Surrogate: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.512*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.498*		*0.500*		*99.6*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2227050-BLK1)									Prepared: 06/28/22 Analyzed: 07/05/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.469*		*0.500*		*93.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.525*		*0.500*		*105*	*70-130*			
Surrogate: Toluene-d8	*0.473*		*0.500*		*94.6*	*70-130*			
LCS (2227050-BS2)									Prepared: 06/28/22 Analyzed: 07/05/22
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0		87.9	70-130			
Surrogate: Bromofluorobenzene	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: Toluene-d8	*0.491*		*0.500*		*98.1*	*70-130*			
LCS Dup (2227050-BSD2)									Prepared: 06/28/22 Analyzed: 07/05/22
Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		92.0	70-130	4.48	20	
Surrogate: Bromofluorobenzene	*0.499*		*0.500*		*99.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.2*	*70-130*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2227055-BLK1)									Prepared: 06/28/22 Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.8*		*50.0*		*106*	*50-200*			
LCS (2227055-BS1)									Prepared: 06/28/22 Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	559	25.0	500		112	38-132			
Surrogate: n-Nonane	*58.9*		*50.0*		*118*	*50-200*			
Matrix Spike (2227055-MS1)				**Source: E206197-12**					Prepared: 06/28/22 Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	610	25.0	500	ND	122	38-132			
Surrogate: n-Nonane	*63.6*		*50.0*		*127*	*50-200*			
Matrix Spike Dup (2227055-MSD1)				**Source: E206197-12**					Prepared: 06/28/22 Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	575	25.0	500	ND	115	38-132	5.87	20	
Surrogate: n-Nonane	*60.3*		*50.0*		*121*	*50-200*			

QC Summary Data

LH Operating	Project Name:	Skelly 120	**Reported:**
4809 Cole Ave	Project Number:	22055-0001	
Dallas TX, 75205	Project Manager:	Lindsey Nevels	7/6/2022 4:22:17PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2227129-BLK1)									Prepared: 06/30/22 Analyzed: 07/02/22
Chloride	ND	20.0							
LCS (2227129-BS1)									Prepared: 06/30/22 Analyzed: 07/02/22
Chloride	250	20.0	250		100	90-110			
LCS Dup (2227129-BSD1)									Prepared: 06/30/22 Analyzed: 07/02/22
Chloride	254	20.0	250		102	90-110	1.43	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

LH Operating	Project Name:	Skelly 120	
4809 Cole Ave	Project Number:	22055-0001	**Reported:**
Dallas TX, 75205	Project Manager:	Lindsey Nevels	07/06/22 16:22

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of

Client: LH Operating	Bill To	Lab Use Only	TAT / EPA Program
Project: Skelly 120	Attention: T Squared Energy	Lab WO# PE206198	Job Number 22055-0001
Project Manager: Lindsey Nevels	Address:	1D 2D 3D Standard: X	CWA / SDWA / RCRA
Address:	City, State, Zip:		
City, State, Zip:	Phone:		
Phone: 432 241-2480	Email: Janine@tsquaredenergy.com		
Email: Lindsey@tsquaredenergy.com	Trey@tsquaredenergy.com		
Report due by:			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
	6/23/22			FL 1		1									X				
	6/23/22			FL 2		2									X				
	6/23/22			FL 3		3									X				
	[redacted]			[redacted]											[redacted]				
	6/23/22			SW 1		4									X				
	6/23/22			SW 2		5									X				
	6/23/22			SW 3		6									X				
	6/23/22			SW 4		7									X				

State: NM X | CO | UT | AZ | TX |

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6-27-22	2:13		6-27-22	3:20
	6-27-22	4:40		6/28/22	10:15

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 6/28/2022 2:23:25PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	LH Operating	Date Received:	06/28/22 10:15	Work Order ID:	E206198
Phone:	-	Date Logged In:	06/28/22 11:37	Logged In By:	Caitlin Christian
Email:	lnevels@hazmatspecialservices.com	Due Date:	07/05/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	No	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Comments/Resolution

Time sampled, Matrix and # of containers not provided on COC.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Attachment V
NMOCD Form C-141

Reply all Delete Junk Block ...

Skelly 120 napp2208945302 Notice of Final Samples

LN Lindsey Nevels

To: OCD.Enviro@state.nm.us

Mon 6/20/2022 3:58 PM

Notice of composite closure sampling : June 23, 2022 7:00a.m LH Operating Skelly 120 napp2208945302 GPS:32.829465 -103.846453

Respectively,

Lindsey Nevels
Environmental Manager
Lindsey@Tsquaredenergy.com
432-241-2480

Reply Forward

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 Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2208945302
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party LH Operating, LLC	OGRID 326578
Contact Name Mike Burton	Contact Telephone 575-499-5306
Contact email Mike@lhoperating.com	Incident # *(assigned by OCD)*
Contact mailing address	

Location of Release Source

Latitude 32.829465 Longitude -103.846453
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Skelly 120	Site Type Oil
Date Release Discovered 3/12/2022	API# *(if applicable)* 30-015-22254

Unit Letter	Section	Township	Range	County
M	14	17S	31E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls) 0.5	Volume Recovered (bbls) 0
☒ Produced Water	Volume Released (bbls) 0.5	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Flowline failure

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2208945302
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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.

Printed Name: Mike Burton Title: _____

Signature: _____ Date: 3/21/2022

email: Mike@lhoperating.com Telephone: 575-499-5306

OCD Only

Received by: Jocelyn Harimon Date: 04/01/2022

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2208945302
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	100 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2208945302
District RP	
Facility ID	
Application ID	

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.

Printed Name: Mike Burton Title: _____

Signature: _____ Date: 3/21/2022

email: mike@lhoperating.com Telephone: 575-499-5306

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: Mike Burton Title: _____

Signature: _____ Date: 3/21/2022

email: mike@lhoperating.com Telephone: 575-499-5306

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

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: _____ Date: _____

Printed Name: _____ Title: _____

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

COMMENTS

Action 95228

COMMENTS

Operator: LH Operating, LLC 4809 Cole Ave Dallas, TX 75205	OGRID: 329319
	Action Number: 95228
	Action Type: [C-141] Release Corrective Action (C-141)

COMMENTS

Created By	Comment	Comment Date
jharimon	C-141 Pgs. 3-5 were submitted without supporting documents and signatures.	4/14/2022

State of New Mexico
Oil Conservation Division

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

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☒ 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: John Denman Title: Engineer

Signature: Date: 7/18/22

email: john@LHoperating.com Telephone: 575-499-5306

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: Date:

Printed Name: Title:

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 125435

CONDITIONS

Operator: LH Operating, LLC 4809 Cole Ave Dallas, TX 75205	OGRID: 329319
	Action Number: 125435
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	11/10/2022