

Devon Energy Production Company

Stray Cat 8 5 Federal Com #212Y
Remediation Closure Report

Section 8, Township 23S, Range 32E
Lea County, NM

30-025-451150
nAPP2502336196

May 7, 2025



Prepared for:

Devon Energy Production Company
6488 Seven Rivers Hwy
Artesia, New Mexico 88211

By:

Safety & Environmental Solutions, Inc.
703 East Clinton Street
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Company Contacts

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Background

The Stray Cat 8 5 Federal Com #212Y nAPP2502336196 is located approximately forty-three (43) miles southeast of Carlsbad, New Mexico. The legal location for this facility is Unit Letter N, Section 08, Township 23 South and Range 32 East in Lea County, New Mexico. More specifically the latitude and longitude are 32.3133 North -103.69848 West.

Incident C-141 received on 01/31/2025 for release on 01/21/2024. The cause of the release was reported as equipment failure: "Wellhead packing developed leak, this allowed the release of approx. 53 bbls to pad surface. Free liquids were removed." **approximately** Crude Oil | Released: 33 BBL | Recovered: 30 BBL | Lost: 3 BBL and Produced Water | Released: 20 BBL | Recovered: 19 BBL | Lost: 1 BBL.

Surface and Ground Water

According to the Natural Resources Conservation Service' online database, the project area soils consist of Maljamar and Palomas fine sands. These soils are associated with the Loamy ecological site (R070BC022NM). The reference plant community for this ecological site is dominated by grasses such as giant dropseed (*Sporobolus giganteus*) and spike dropseed (*Sporobolus cryptandrus*), with mesa dropseed (*Sporobolus flexuosus*) also present. The survey area falls on rolling, rocky hills. The elevation ranges from 3,000 ft. – 3,900 ft. above mean sea level.

Based on the NMOCD Oil and Gas map referenced in this report, there is no surface water within 3,000 feet of the release site. A review of records from the New Mexico Office of the State Engineer indicates that the closest Point of Diversion (POD), C 04815 POD1, is located approximately 0.11 miles to the northwest of the Devon Stray Cat 8-5 Federal Com #212Y site. This well was drilled to a depth of 55 feet below ground surface (bgs), with no groundwater encountered.

Characterization

Table I Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
≤ 50 feet	Chloride***	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH	EPA SW-846	100 mg/kg
	(GRO+DRO+MRO)	Method 8015M	
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
51 feet-100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	10,000 mg/kg
	TPH	EPA SW-846 Method 8015M	2,500 mg/kg
	(GRO+DRO+MRO)		
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
>100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH	EPA SW-846 Method 8015M	2,500 mg/kg
	(GRO+DRO+MRO)		
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
*Or other test methods approved by the division. **Numerical limits or natural background level, whichever is greater. ***This applies to releases of produced water or other fluids, which may contain chloride. [19.15.29.12 NMAC - N, 8/14/2018]			

Work Performed

On January 27, 2025, SESI personnel mobilized to the Devon Energy Stray Cat 8 5 site to begin delineation efforts following a reported release. The goal of the initial visit was to identify the extent of surface and subsurface impacts and determine the levels of contamination, primarily focusing on chloride concentrations. Field crews mapped the affected area, and a total of thirteen (13) surface soil samples were collected and field-tested for chloride levels. Sampling revealed concentrations ranging from 120 mg/kg to 2,496 mg/kg, with the highest readings observed in samples SS-6, SS-7, and SS-11.

The following day, on January 28, SESI conducted subsurface sampling to further assess vertical migration. Twelve (12) additional samples were collected from depths of 0 to 1 foot below ground surface (bgs). Field testing results indicated significantly elevated chloride levels in isolated areas, most notably in sample SP-16, which registered a chloride concentration of 21,252 mg/kg. Other elevated results included SP-17 (6,168 mg/kg) and SP-14 (4,164 mg/kg).

Date	Sample ID	Field Test Chloride		Date	Sample ID	Field Test Chloride
01/27/2025	SS-1	668		01/28/2025	SP-14	4,164
01/27/2025	SS-2	1,000		01/28/2025	AH-14-1'	120
01/27/2025	SS-3	556		01/28/2025	SP-15	120
01/27/2025	SS-4	1,196		01/28/2025	AH-15-1'	376
01/27/2025	SS-5	1,348		01/28/2025	SP-16	21,252
01/27/2025	SS-6	2,272		01/28/2025	AH-16-8"	2,496
01/27/2025	SS-7	2,496		01/28/2025	SP-17	6,168
01/27/2025	SS-8	612		01/28/2025	AH-17-8"	1,376
01/27/2025	SS-9	120		01/28/2025	SP-18	928
01/27/2025	SS-10	120		01/28/2025	AH-18-1'	376
01/27/2025	SS-11	2,496		01/28/2025	SP-19	928
01/27/2025	SS-12	1,336		01/28/2025	AH-19-1'	120
01/27/2025	SS-13	1,196				

Based on these findings, SESI estimated that the impacted area covered approximately 3,785 square feet, with contamination a depth of one foot. The water table was determined to be deeper than 55 feet, and the site was confirmed to be in a low karst potential area, reducing the risk of groundwater contamination.

In accordance with the New Mexico Oil Conservation Division (NMOCD) regulatory thresholds outlined in 19.15.29.12 NMAC, a follow-up investigation was conducted from March 11 to 13, 2025. This phase involved expanded delineation to confirm the horizontal and vertical extent of the release (*Refer to Site Plan w/ Sampling Locations 03/25*).

A total of 34 soil samples were collected at depths ranging from 6 to 12 inches below ground surface. These samples were submitted under chain of custody to Cardinal Laboratories (Lab ID: H251569) for laboratory analysis. Testing included Chloride (SM4500Cl-B), BTEX (EPA Method 8021B), and Total Petroleum Hydrocarbons (TPH) in gasoline (GRO), diesel (DRO), and extended diesel ranges (EXT DRO) using EPA Method 8015M.

Devon Energy Stray Cat 8 5 Sample Collection Date: 03/17/2025 Cardinal Laboratories (H251569)									
Sample ID	Chloride (mg/kg)	GRO C6-C10 (mg/kg)	DRO >C10-C28 (mg/kg)	EXT DRO >C28-C36 (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl benzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)
SP-1-1'	32	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-2-1'	32	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-3-1'	64	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-4-1'	32	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-5-1'	16	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300

Devon Energy Stray Cat 8 5 Sample Collection Date: 03/17/2025 Cardinal Laboratories (H251569)									
Sample ID	Chloride (mg/kg)	GRO C6-C10 (mg/kg)	DRO >C10-C28 (mg/kg)	EXT DRO >C28-C36 (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl benzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)
SP-6-1'	80	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-7-1'	32	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-8-1'	96	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-9-1'	112	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-10-1'	80	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-11-1'	80	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-12-1'	128	<10.0	10.3	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-13-1'	96	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-14-1'	96	<10.0	14.5	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-15-1'	96	<10.0	18.7	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-16-1'	128	<10.0	16.9	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-17-1'	112	<10.0	14.8	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-18-1'	96	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-19-1	96	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-20-1	112	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-21-1	96	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
SP-22-1	112	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-1-6"	336	<10.0	54.5	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-2-6"	384	<10.0	52.7	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-3-6"	416	<10.0	37.3	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-4-6"	368	<10.0	42.2	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-5-6"	384	<10.0	38.1	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-6-6"	352	<10.0	45.4	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-7-6"	416	<10.0	45.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-8-6"	336	<10.0	47.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-9-6"	352	<10.0	35.4	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-10-6"	336	<10.0	35.5	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-11-6"	368	<10.0	42.4	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-12-6"	320	<10.0	43.3	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300

Analytical results from the March 2025 sampling event confirmed that chloride concentrations ranged from 16 mg/kg to 416 mg/kg, all of which fall below the New Mexico Oil Conservation Division (NMOCD) regulatory threshold of 600 mg/kg. BTEX constituents (benzene, toluene, ethylbenzene, and xylenes) were not detected, with reporting limits below 0.050 mg/kg. Total Petroleum Hydrocarbons (TPH) in the diesel range (DRO) were detected at a maximum concentration of 54.5 mg/kg, remaining well below the 100 mg/kg action level. Gasoline range organics (GRO) and extended diesel range organics (EXT DRO) were non-detect in all samples.

To confirm remediation effectiveness and ensure residual impacts were fully delineated, SESI conducted an additional confirmatory sampling event on April 25, 2025. This phase included a one-foot horizontal step-out from previous sample locations and collection of additional samples from depths ranging between 2 and 3 feet below ground surface (bgs) in areas where elevated results had previously been identified. (*Refer to Site Plan w/ Sampling Locations 04/25*). Analytical data from this event were consistent with prior results, indicating non-detectable concentrations of BTEX, GRO, and EXT DRO, along with continued low levels of DRO and chloride.

Devon Energy Stray Cat 8 5 Sample Collection Date: 03/17/2025 Cardinal Laboratories (H251966)									
Sample ID	Chloride (mg/kg)	GRO C6-C10 (mg/kg)	DRO >C10-C28 (mg/kg)	EXT DRO >C28-C36 (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl benzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)
C-SP-12-2'	64	<10.0	14.5	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
C-SP-14-2'	64	<10.0	14.5	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300

Devon Energy Stray Cat 8 5 Sample Collection Date: 03/17/2025 Cardinal Laboratories (H251966)									
Sample ID	Chloride (mg/kg)	GRO C6-C10 (mg/kg)	DRO >C10-C28 (mg/kg)	EXT DRO >C28-C36 (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl benzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)
C-SP-15-3'	64	<10.0	18.7	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
C-SP-16-2'	64	<10.0	16.9	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
C-SP-17-2'	64	<10.0	14.8	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
C-SP-19-1'	64	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
C-SP-23-1'	96	<10.0	11.1	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
C-SP-24-1'	80	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
C-SP-25-1'	80	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
C-SP-26-1'	80	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
C-SP-27-1'	48	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
C-SP-28-1'	80	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
C-SP-29-1'	64	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-1-6"	64	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-2-6"	64	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-3-6"	48	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-4-6"	80	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-5-6"	64	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-6-6"	144	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-7-6"	224	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300
HP-8-6"	144	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300

SESI determined that the impacted area encompassed approximately 3,785 square feet, with contamination extending to a depth of up to one foot. All contaminated soil was excavated and transported to an NMOCD-approved disposal facility. A backfill sample was submitted under chain of custody to Cardinal Laboratories (Lab ID: H252675) for laboratory analysis. Testing included Chloride (SM4500CI-B), BTEX (EPA Method 8021B), and Total Petroleum Hydrocarbons (TPH) in gasoline (GRO), diesel (DRO), and extended diesel ranges (EXT DRO) using EPA Method 8015M.

Devon Energy Stray Cat 8 5 Sample Collection Date: 05/05/2025 Cardinal Laboratories (H252675)									
Sample ID	Chloride (mg/kg)	GRO C6-C10 (mg/kg)	DRO >C10-C28 (mg/kg)	EXT DRO >C28-C36 (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl benzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)
BF-1	48	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300

The excavated area was subsequently backfilled with 140.19 cubic yards of clean material from an approved off-site location and was restored to conform with the surrounding site conditions.

Conclusion

In summary, SESI has completed all necessary remedial actions at the site in accordance with the requirements of the New Mexico Oil Conservation Division (NMOCD) and to the maximum extent practicable. With delineation, confirmatory sampling, and remediation activities finalized in full compliance with applicable standards, SESI concludes that the release has been effectively addressed. On behalf of Devon Energy, SESI respectfully submits this report and formally requests closure of Incident Number nAPP2502336196.

Supplemental Documentation

Figure 1: Site Plan w/ Field Sampling

Figure 2: Site Plan w/ Sampling Locations 03/25

Figure 3: Site Plan w/ Sampling Locations 04/25

Document 1: OSE POD Location Map

Document 2: NMOCD Oil and Gas Map

Document 3: BLM Cave Karst Map

Document 4: FEMA Floodplain Map

Document 5: Photographs

Document 6: Analytical Results

Document 7: Correspondence

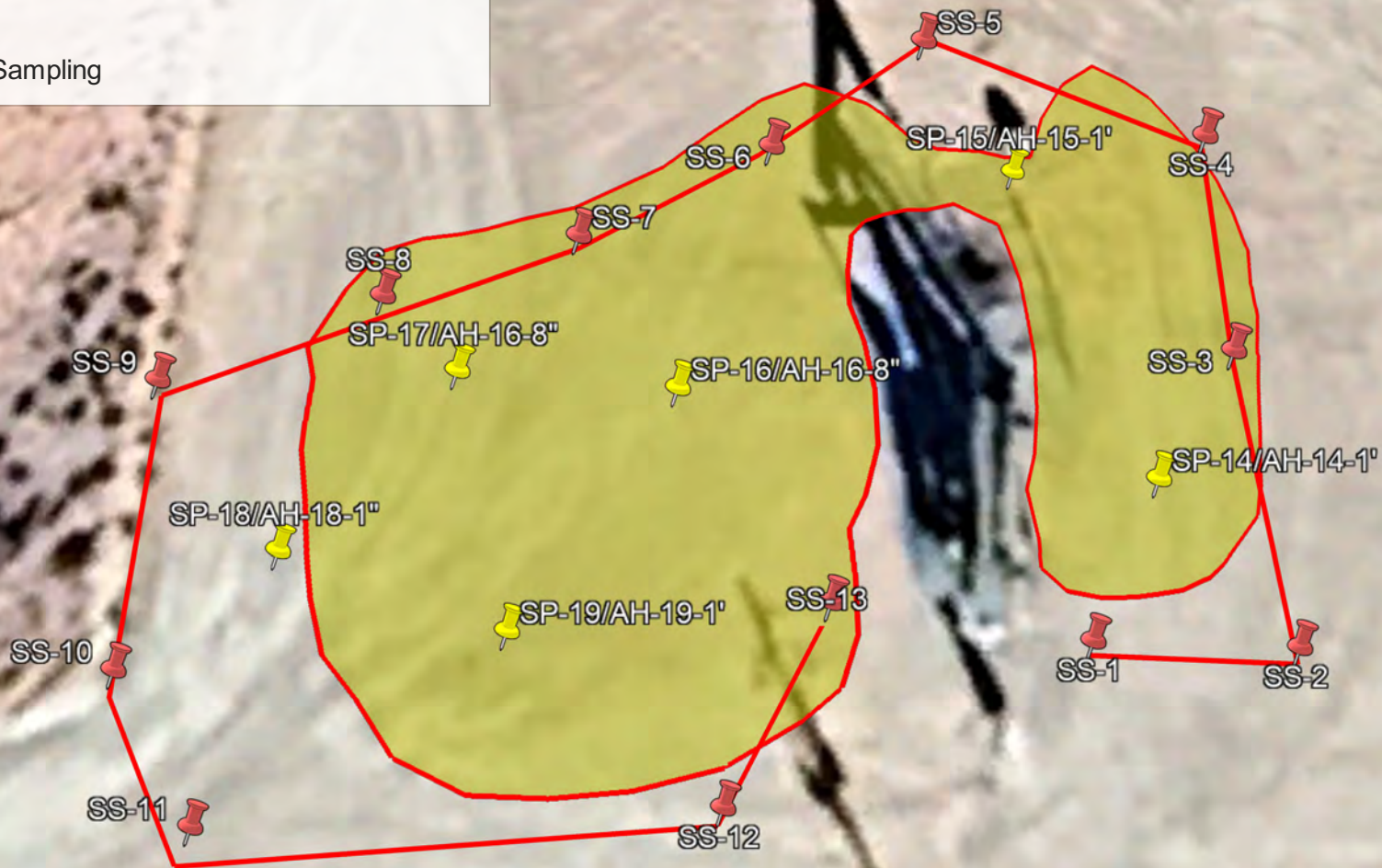
Stray Cat 8 5 Federal Com #212Y

Section 8, township 23S, Range 32E, Lea County, NM

30-025-451150

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Site Plan w/ Field Sampling



Google Earth



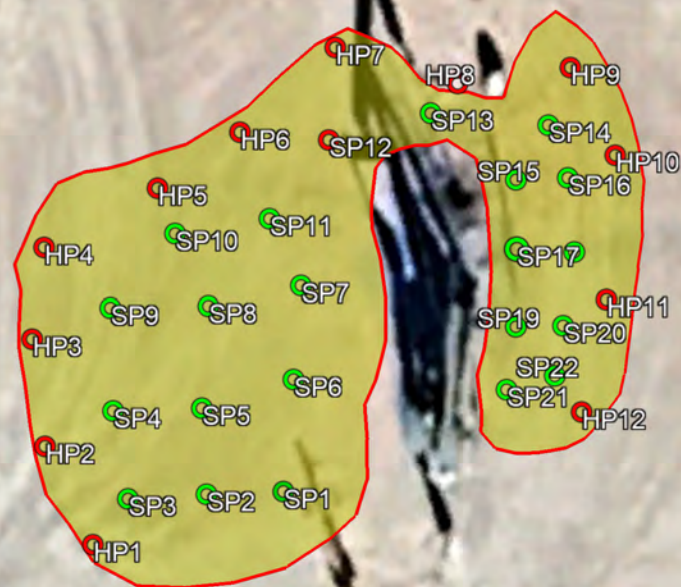
50 ft

Stray Cat 8 5 Federal Com #212Y

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Site Plan w/ Sampling Locations 03/25



Google Earth



100 ft

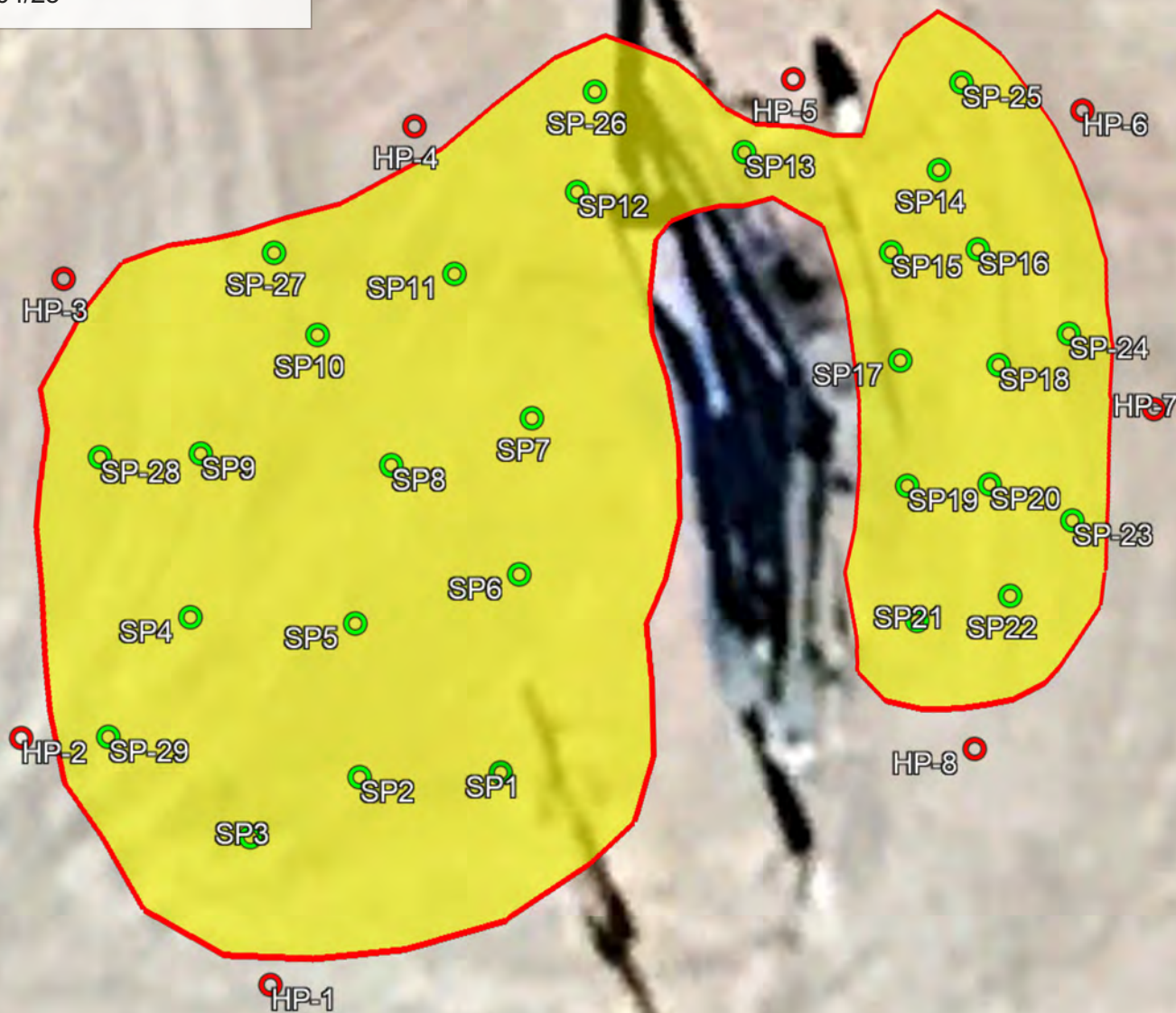
Stray Cat 8 5 Federal Com #212Y

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Site Plan w/ Sampling Locations 04/25

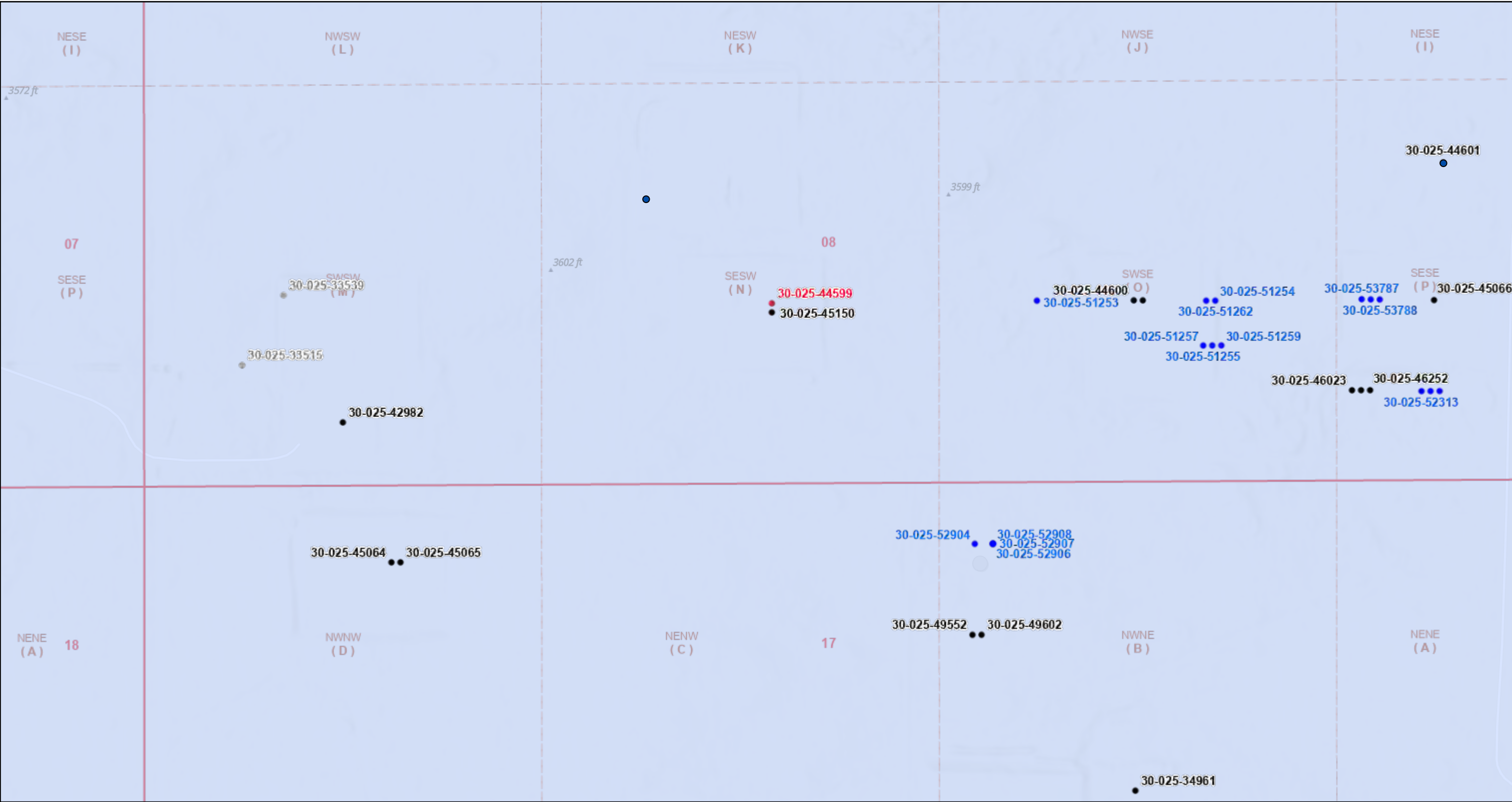


Google Earth



50 ft

OCD Well Location, OSE POD, Karst Occurrence Potential



2/11/2025, 10:59:40 AM

- OSE Water PODs

● Oil, New

● Oil, Plugged

● Oil, Active

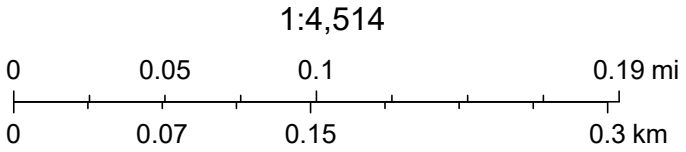
● Oil, Cancelled

PLSS Second Division

PLSS First Division

Karst Occurrence Potential

Low



BLM, OCD, New Mexico Tech, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, USGS, OCD, Esri Community Maps Contributors, New

OSE POD Location Map



2/10/2025, 2:49:59 PM

GIS WATERS PODs

Pending

Plugged

Water Right Regulations

Closure Area

OSE District Boundary

Artesian Planning Area

New Mexico State Trust Lands

Both Estates

A scale bar with two rows of markings. The top row is labeled in miles (mi) with markings at 0, 0.05, 0.1, and 0.19. The bottom row is labeled in kilometers (km) with markings at 0, 0.07, 0.15, and 0.3. The scale bar is labeled '1:4,514' at the top right.

Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Released to Imaging: 7/10/2025 9:04:47 AM

Online web user
This is an unofficial map from the OSE's online application.


Water Right Summary



[get image](#)
[list](#)

WR File Number:	C 04815	Subbasin:	CUB	Cross Reference:
Primary Purpose:	MON MONITORING WELL			
Primary Status:	PMT Permit			
Total Acres:		Subfile:	Header:	
Total Diversion:	0.000	Cause/Case:		
Owner:	VERTEX RESOURCE SERVICES INC	Owner Class:	Agent	
Contact:	CHANCE DIXON			
Owner:	DEVON ENERGY RESOURCES	Owner Class:	User	
Contact:	DALE WOODALL			

Documents on File

										(acre-fee
Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	
 get images	757440	EXPL	2024-03-14	PMT	APR	C 04815 POD1	T	0.000	0.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
C 04815 POD1	NA		NW	SE	SW	08	23S	32E	622391.9	3576025.7		STRAY CAT 8 CTB 2


* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

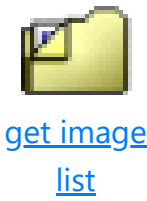
Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	C 04815 POD1	NW	SE	SW	08	23S	32E	622391.9	3576025.7	

* UTM location was derived from PLSS - see Help

Driller License:	1833	Driller Company:	VISION RESOURCES, INC		
Driller Name:	JASON MALEY				
Drill Start Date:	2024-04-16	Drill Finish Date:	2024-04-16	Plug Date:	2024-04-22
Log File Date:	2024-04-25	PCW Rcv Date:		Source:	
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:		Depth Well:	55	Depth Water:	

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Water Right Summary



WR File Number:	C 04703	Subbasin:	CUB	Cross Reference:
Primary Purpose:	MON MONITORING WELL			
Primary Status:	PMT Permit			
Total Acres:		Subfile:		Header:
Total Diversion:	0.000	Cause/Case:		
Owner:	DEVON ENERGY PRODUCTION CO.	Owner Class:	User	
Contact:	DALE WOODALL			

Documents on File

(acre-fee

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion
_get images	741900	EXPL	2023-02-03	PMT	APR	C 04703 POD1	T	0.000	0.000

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
C 04703 POD1	NA		NW	SE	SE	08	26S	32E	623195.6	3576072.4		

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

National Flood Hazard Layer FIRMette



103°42'13"W 32°19'4"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°41'36"W 32°18'33"N

Released to Imaging: 7/10/2025 9:04:47 AM

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

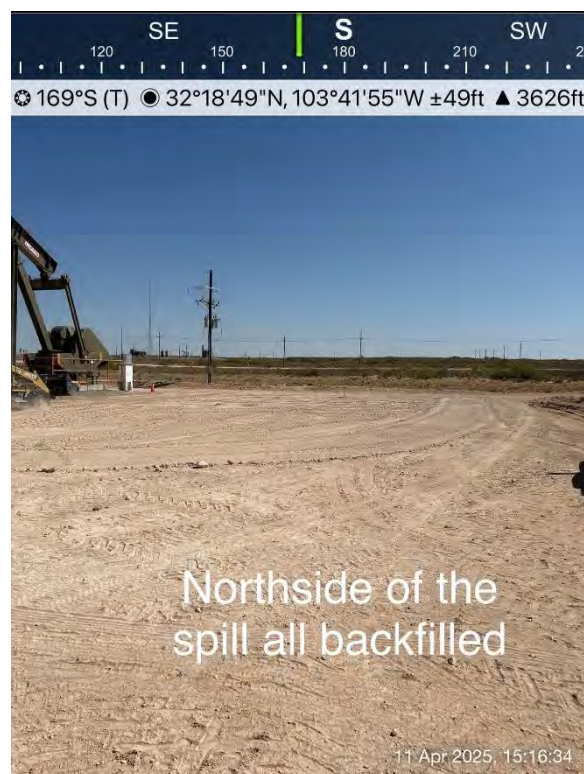
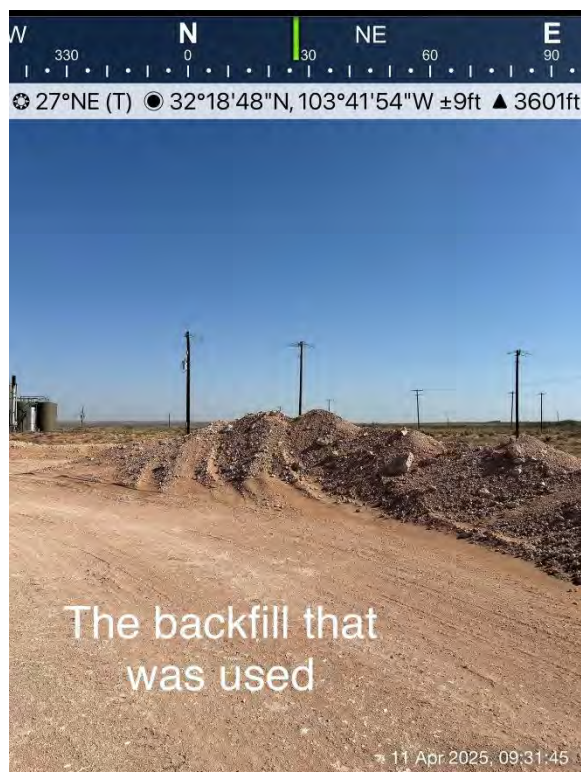
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/10/2025 at 9:51 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

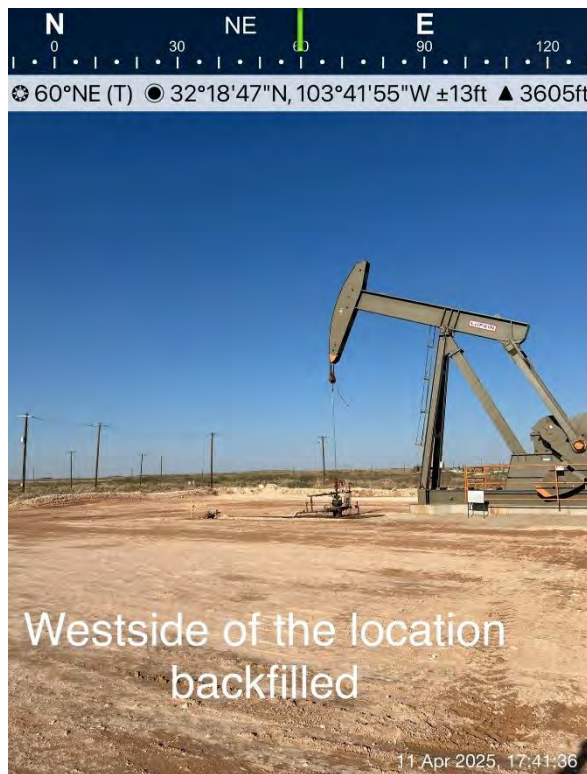
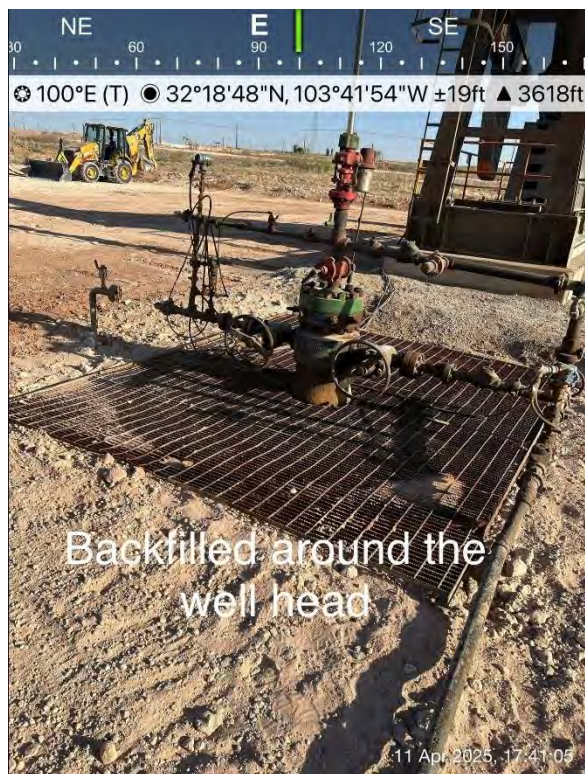
Stray Cat 8 5 Federal Com #212Y
Photographs



Stray Cat 8 5 Federal Com # 212Y
April 11, 2025



Stray Cat 8 5 Federal Com # 212Y
April 11, 2025





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 21, 2025

ARMANDO AGUIRRE

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: STRAY CAT 85

Enclosed are the results of analyses for samples received by the laboratory on 03/17/25 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-1-1' (H251569-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	2.00	100	2.00	3.17	
Toluene*	<0.050	0.050	03/19/2025	ND	2.08	104	2.00	1.54	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.04	102	2.00	2.03	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.15	102	6.00	2.42	
Total BTEX	<0.300	0.300	03/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.4 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-2-1' (H251569-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	2.00	100	2.00	3.17	
Toluene*	<0.050	0.050	03/19/2025	ND	2.08	104	2.00	1.54	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.04	102	2.00	2.03	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.15	102	6.00	2.42	
Total BTX	<0.300	0.300	03/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-3-1' (H251569-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	2.00	100	2.00	3.17	
Toluene*	<0.050	0.050	03/19/2025	ND	2.08	104	2.00	1.54	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.04	102	2.00	2.03	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.15	102	6.00	2.42	
Total BTX	<0.300	0.300	03/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-4-1' (H251569-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	2.00	100	2.00	3.17		
Toluene*	<0.050	0.050	03/19/2025	ND	2.08	104	2.00	1.54		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.04	102	2.00	2.03		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.15	102	6.00	2.42		
Total BTEX	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-5-1' (H251569-05)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	2.00	100	2.00	3.17	
Toluene*	<0.050	0.050	03/19/2025	ND	2.08	104	2.00	1.54	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.04	102	2.00	2.03	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.15	102	6.00	2.42	
Total BTX	<0.300	0.300	03/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-6-1' (H251569-06)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	2.00	100	2.00	3.17	
Toluene*	<0.050	0.050	03/19/2025	ND	2.08	104	2.00	1.54	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.04	102	2.00	2.03	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.15	102	6.00	2.42	
Total BTX	<0.300	0.300	03/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 86.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.6 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-7-1' (H251569-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	2.00	100	2.00	3.17	
Toluene*	<0.050	0.050	03/19/2025	ND	2.08	104	2.00	1.54	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.04	102	2.00	2.03	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.15	102	6.00	2.42	
Total BTEX	<0.300	0.300	03/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-8-1' (H251569-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	2.00	100	2.00	3.17		
Toluene*	<0.050	0.050	03/19/2025	ND	2.08	104	2.00	1.54		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.04	102	2.00	2.03		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.15	102	6.00	2.42		
Total BTEX	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 82.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-9-1' (H251569-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	2.00	100	2.00	3.17	
Toluene*	<0.050	0.050	03/19/2025	ND	2.08	104	2.00	1.54	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.04	102	2.00	2.03	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.15	102	6.00	2.42	
Total BTEX	<0.300	0.300	03/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-10-1' (H251569-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	2.00	100	2.00	3.17		
Toluene*	<0.050	0.050	03/19/2025	ND	2.08	104	2.00	1.54		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.04	102	2.00	2.03		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.15	102	6.00	2.42		
Total BTEx	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-11-1' (H251569-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	2.00	100	2.00	3.17		
Toluene*	<0.050	0.050	03/19/2025	ND	2.08	104	2.00	1.54		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.04	102	2.00	2.03		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.15	102	6.00	2.42		
Total BTEx	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 78.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-12-1' (H251569-12)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2025	ND	2.00	100	2.00	3.17	
Toluene*	<0.050	0.050	03/19/2025	ND	2.08	104	2.00	1.54	
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.04	102	2.00	2.03	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.15	102	6.00	2.42	
Total BTX	<0.300	0.300	03/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	10.3	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 87.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-13-1' (H251569-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEx	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.0 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-14-1' (H251569-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEX	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	14.5	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-15-1' (H251569-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEx	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	18.7	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 88.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-16-1' (H251569-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEx	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	16.9	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-17-1' (H251569-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEX	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	14.8	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.1 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-18-1' (H251569-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEx	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/19/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.0 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-19-1' (H251569-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEx	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/19/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.0 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-20-1' (H251569-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEx	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/19/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	225	112	200	2.87	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	205	103	200	0.550	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 89.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.0 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-21-1' (H251569-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEx	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/19/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	210	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	199	99.3	200	0.881	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SP-22-1' (H251569-22)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTX	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/19/2025	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	210	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	03/19/2025	ND	199	99.3	200	0.881	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 111 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HP-1-6" (H251569-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEX	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	03/19/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	210	105	200	0.120	
DRO >C10-C28*	54.5	10.0	03/19/2025	ND	199	99.3	200	0.881	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 112 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HP-2-6" (H251569-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEx	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	03/19/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	210	105	200	0.120	
DRO >C10-C28*	52.7	10.0	03/19/2025	ND	199	99.3	200	0.881	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 113 % 44.4-145

Surrogate: 1-Chlorooctadecane 112 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HP-3-6" (H251569-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEx	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	03/19/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	210	105	200	0.120	
DRO >C10-C28*	37.3	10.0	03/19/2025	ND	199	99.3	200	0.881	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.9 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HP-4-6" (H251569-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEX	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	03/19/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	210	105	200	0.120	
DRO >C10-C28*	42.2	10.0	03/19/2025	ND	199	99.3	200	0.881	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HP-5-6" (H251569-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEX	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	03/19/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	210	105	200	0.120	
DRO >C10-C28*	38.1	10.0	03/19/2025	ND	199	99.3	200	0.881	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.9 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HP-6-6" (H251569-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEX	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	03/19/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	210	105	200	0.120	
DRO >C10-C28*	45.4	10.0	03/19/2025	ND	199	99.3	200	0.881	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HP-7-6" (H251569-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEx	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	03/19/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	210	105	200	0.120	
DRO >C10-C28*	45.0	10.0	03/19/2025	ND	199	99.3	200	0.881	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.7 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HP-8-6" (H251569-30)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTX	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	03/19/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	210	105	200	0.120	
DRO >C10-C28*	47.0	10.0	03/19/2025	ND	199	99.3	200	0.881	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 107 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HP-9-6" (H251569-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEX	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	03/19/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	210	105	200	0.120	
DRO >C10-C28*	35.4	10.0	03/19/2025	ND	199	99.3	200	0.881	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.3 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HP-10-6" (H251569-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.99	99.6	2.00	0.626		
Toluene*	<0.050	0.050	03/19/2025	ND	2.03	102	2.00	1.86		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.02	101	2.00	3.47		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	6.10	102	6.00	2.16		
Total BTEX	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	03/19/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	210	105	200	0.120	
DRO >C10-C28*	35.5	10.0	03/19/2025	ND	199	99.3	200	0.881	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HP-11-6" (H251569-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.91	95.6	2.00	4.44		
Toluene*	<0.050	0.050	03/19/2025	ND	2.28	114	2.00	3.20		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.50	125	2.00	7.10	QM-07	
Total Xylenes*	<0.150	0.150	03/19/2025	ND	7.53	125	6.00	7.76		
Total BTEX	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	03/19/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	210	105	200	0.120	
DRO >C10-C28*	42.4	10.0	03/19/2025	ND	199	99.3	200	0.881	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 98.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 03/17/2025
 Reported: 03/21/2025
 Project Name: STRAY CAT 85
 Project Number: DEV-25-002
 Project Location: NONE GIVEN

Sampling Date: 03/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: HP-12-6" (H251569-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2025	ND	1.91	95.6	2.00	4.44		
Toluene*	<0.050	0.050	03/19/2025	ND	2.28	114	2.00	3.20		
Ethylbenzene*	<0.050	0.050	03/19/2025	ND	2.50	125	2.00	7.10		
Total Xylenes*	<0.150	0.150	03/19/2025	ND	7.53	125	6.00	7.76		
Total BTEX	<0.300	0.300	03/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	03/19/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/19/2025	ND	210	105	200	0.120	
DRO >C10-C28*	43.3	10.0	03/19/2025	ND	199	99.3	200	0.881	
EXT DRO >C28-C36	<10.0	10.0	03/19/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 383-2326 FAX (575) 383-2476

Company Name: Safety and Environmental Solutions

Project Manager: Armando Aguirre

Address: 703 East Clinton, PO Box 1813

City: Hobbs State: NM Zip: 88240

Phone #: 575 397-0510 Fax #: 575 393-4388

Project #: DEV-25-002 Project Owner: DEV

Project Name: Stony Cat State: 21

Project Location: Stony Cat Phone #: 5

Sampler Name: Armando Aguirre Fax #: 5

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	T.P.H.	BTEX	CL	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE						ICE / COOL
11	SP-11.1	C										5-17-25	9:55	X	X	X
12	SP-12.1	C											10:10			
13	SP-13.1	C											10:13			
14	SP-14.1	C											10:16			
15	SP-15.1	C											10:20			
16	SP-16.1	C											10:23			
17	SP-17.1	C											10:24			
18	SP-18.1	C											10:35			
19	SP-19.1	C														
20	SP-20.1	C														

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Relinquished By: Armando Aguirre Date: 5-17-25 Time: 11:50

Received By: Armando Aguirre

Delivered By: (Circle One) 3-3-1 C+O-3-1

Sampler - UPS - Bus - Other: 3-3-1 #140

Sample Condition: Intact Yes No

CHECKED BY: Armando Aguirre

Phone Results: ☐ Yes ☐ No ☐ Add'l Phone #:

Fax Results: ☐ Yes ☐ No ☐ Add'l Fax #:

REMARKS: aaguirre@sesi-nm.com
sbabb@sesi-nm.com
kywatson@sesi-nm.com
eromo@sesi-nm.com
strodriquer@sesi-nm.com



101 East Marland, Hobbs, NM 88240
(575) 383-2326 FAX (575) 383-2476

Page 40 of 40

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 10, 2025

ARMANDO AGUIRRE

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: STRAY CAT 85

Enclosed are the results of analyses for samples received by the laboratory on 04/02/25 16:31.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C - SP - 23 - 1'	H251966-01	Soil	02-Apr-25 09:23	02-Apr-25 16:31
C - SP - 24 - 1'	H251966-02	Soil	02-Apr-25 09:27	02-Apr-25 16:31
C - SP - 25 - 1'	H251966-03	Soil	02-Apr-25 09:30	02-Apr-25 16:31
C - SP - 26 - 1'	H251966-04	Soil	02-Apr-25 09:32	02-Apr-25 16:31
C - SP - 27 - 1'	H251966-05	Soil	02-Apr-25 09:45	02-Apr-25 16:31
C - SP - 28 - 1'	H251966-06	Soil	02-Apr-25 09:50	02-Apr-25 16:31
C - SP - 29 - 1'	H251966-07	Soil	02-Apr-25 09:52	02-Apr-25 16:31
C - SP - 14 - 2'	H251966-08	Soil	02-Apr-25 09:56	02-Apr-25 16:31
C - SP - 15 - 3'	H251966-09	Soil	02-Apr-25 09:58	02-Apr-25 16:31
C - SP - 16 - 2'	H251966-10	Soil	02-Apr-25 10:05	02-Apr-25 16:31
C - SP - 17 - 2'	H251966-11	Soil	02-Apr-25 10:08	02-Apr-25 16:31
C - SP - 12 - 2'	H251966-12	Soil	02-Apr-25 10:11	02-Apr-25 16:31
HP - 1 - 6"	H251966-13	Soil	02-Apr-25 10:41	02-Apr-25 16:31
HP - 2 - 6"	H251966-14	Soil	02-Apr-25 10:45	02-Apr-25 16:31
HP - 3 - 6"	H251966-15	Soil	02-Apr-25 10:48	02-Apr-25 16:31
HP - 4 - 6"	H251966-16	Soil	02-Apr-25 10:51	02-Apr-25 16:31
HP - 5 - 6"	H251966-17	Soil	02-Apr-25 10:55	02-Apr-25 16:31
HP - 6 - 6"	H251966-18	Soil	02-Apr-25 11:00	02-Apr-25 16:31
HP - 7 - 6"	H251966-19	Soil	02-Apr-25 11:04	02-Apr-25 16:31
HP - 8 - 6"	H251966-20	Soil	02-Apr-25 11:09	02-Apr-25 16:31

04/10/25 - Client changed the sample IDs on -01 thru -12 (see COC). This is the revised report and will replace the one sent on 04/08/25.

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

C - SP - 23 - 1'**H251966-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	5040334	AC	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040319	JH	04-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040319	JH	04-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040319	JH	04-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040319	JH	04-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040319	JH	04-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134 5040319 JH 04-Apr-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
DRO >C10-C28*	11.1		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	

Surrogate: 1-Chlorooctane 105 % 44.4-145 5040307 ms 03-Apr-25 8015B

Surrogate: 1-Chlorooctadecane 97.5 % 40.6-153 5040307 ms 03-Apr-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

C - SP - 24 - 1'**H251966-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	5040334	AC	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040319	JH	04-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040319	JH	04-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040319	JH	04-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040319	JH	04-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040319	JH	04-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.9 %		71.5-134	5040319	JH	04-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	

Surrogate: 1-Chlorooctane			79.2 %		44.4-145	5040307	ms	03-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			72.2 %		40.6-153	5040307	ms	03-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

C - SP - 25 - 1'**H251966-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	5040334	AC	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			126 %	71.5-134		5040502	JH	06-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
Surrogate: 1-Chlorooctane			79.0 %	44.4-145		5040307	ms	03-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			70.7 %	40.6-153		5040307	ms	03-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

C - SP - 26 - 1'**H251966-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	5040334	AC	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040502	JH	06-Apr-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			125 %	71.5-134		5040502	JH	06-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			84.6 %	44.4-145		5040307	ms	03-Apr-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			75.4 %	40.6-153		5040307	ms	03-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

C - SP - 27 - 1'**H251966-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	5040334	AC	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			121 %	71.5-134		5040502	JH	06-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
Surrogate: 1-Chlorooctane			79.3 %	44.4-145		5040307	ms	03-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			74.3 %	40.6-153		5040307	ms	03-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

C - SP - 28 - 1'**H251966-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	5040334	AC	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040502	JH	06-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			118 %		71.5-134	5040502	JH	06-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	

Surrogate: 1-Chlorooctane			82.2 %		44.4-145	5040307	ms	03-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			73.7 %		40.6-153	5040307	ms	03-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

C - SP - 29 - 1'**H251966-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	5040334	AC	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040502	JH	06-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			122 %		71.5-134	5040502	JH	06-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	

Surrogate: 1-Chlorooctane			87.5 %		44.4-145	5040307	ms	03-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			78.1 %		40.6-153	5040307	ms	03-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

C - SP - 14 - 2'**H251966-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	5040359	KV	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040502	JH	06-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			117 %		71.5-134	5040502	JH	06-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	

Surrogate: 1-Chlorooctane			87.9 %		44.4-145	5040307	ms	03-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			78.4 %		40.6-153	5040307	ms	03-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

C - SP - 15 - 3'**H251966-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	5040359	KV	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040502	JH	06-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			126 %		71.5-134	5040502	JH	06-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	

Surrogate: 1-Chlorooctane			84.3 %		44.4-145	5040307	ms	03-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			75.3 %		40.6-153	5040307	ms	03-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

C - SP - 16 - 2'**H251966-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	5040359	KV	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040502	JH	06-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			128 %		71.5-134	5040502	JH	06-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	

Surrogate: 1-Chlorooctane			86.3 %		44.4-145	5040307	ms	03-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			77.1 %		40.6-153	5040307	ms	03-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

C - SP - 17 - 2'**H251966-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	5040359	KV	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040502	JH	06-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040502	JH	06-Apr-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			125 %	71.5-134		5040502	JH	06-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040307	ms	03-Apr-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.8 %	44.4-145		5040307	ms	03-Apr-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			69.0 %	40.6-153		5040307	ms	03-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

C - SP - 12 - 2'**H251966-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	5040359	KV	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040327	JH	04-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		5040327	JH	04-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	

Surrogate: 1-Chlorooctane			81.3 %	44.4-145		5040343	MS	04-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			78.0 %	40.6-153		5040343	MS	04-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

HP - 1 - 6"
H251966-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	5040359	KV	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040327	JH	04-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5040327	JH	04-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	

Surrogate: 1-Chlorooctane			86.7 %	44.4-145		5040343	MS	04-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			83.0 %	40.6-153		5040343	MS	04-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

HP - 2 - 6"
H251966-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	5040359	KV	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040327	JH	04-Apr-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			114 %	71.5-134		5040327	JH	04-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			74.5 %	44.4-145		5040343	MS	04-Apr-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			70.9 %	40.6-153		5040343	MS	04-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

HP - 3 - 6"
H251966-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	5040359	KV	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5040327	JH	04-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
Surrogate: 1-Chlorooctane			89.2 %	44.4-145		5040343	MS	04-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			89.6 %	40.6-153		5040343	MS	04-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

HP - 4 - 6"
H251966-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	5040359	KV	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			115 %	71.5-134		5040327	JH	04-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
Surrogate: 1-Chlorooctane			70.8 %	44.4-145		5040343	MS	04-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			67.3 %	40.6-153		5040343	MS	04-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

HP - 5 - 6"
H251966-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	5040359	KV	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040327	JH	04-Apr-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			110 %	71.5-134		5040327	JH	04-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.2 %	44.4-145		5040343	MS	04-Apr-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			88.4 %	40.6-153		5040343	MS	04-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

HP - 6 - 6"
H251966-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5040359	KV	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040327	JH	04-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %		71.5-134	5040327	JH	04-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	

Surrogate: 1-Chlorooctane			89.6 %		44.4-145	5040343	MS	04-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			85.9 %		40.6-153	5040343	MS	04-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

HP - 7 - 6"
H251966-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	5040359	KV	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040327	JH	04-Apr-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %		71.5-134	5040327	JH	04-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			86.1 %		44.4-145	5040343	MS	04-Apr-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			80.3 %		40.6-153	5040343	MS	04-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

HP - 8 - 6"
H251966-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5040359	KV	03-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5040327	JH	04-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5040327	JH	04-Apr-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	71.5-134		5040327	JH	04-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5040343	MS	04-Apr-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			86.9 %	44.4-145		5040343	MS	04-Apr-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			81.6 %	40.6-153		5040343	MS	04-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5040334 - 1:4 DI Water**Blank (5040334-BLK1)**

Prepared & Analyzed: 03-Apr-25

Chloride	ND	16.0	mg/kg							
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LCS (5040334-BS1)

Prepared & Analyzed: 03-Apr-25

Chloride	400	16.0	mg/kg	400		100	80-120			
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LCS Dup (5040334-BSD1)

Prepared & Analyzed: 03-Apr-25

Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	
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Batch 5040359 - 1:4 DI Water**Blank (5040359-BLK1)**

Prepared & Analyzed: 03-Apr-25

Chloride	ND	16.0	mg/kg							
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LCS (5040359-BS1)

Prepared & Analyzed: 03-Apr-25

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (5040359-BSD1)

Prepared & Analyzed: 03-Apr-25

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5040319 - Volatiles**Blank (5040319-BLK1)**

Prepared: 03-Apr-25 Analyzed: 04-Apr-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		99.5	71.5-134			

LCS (5040319-BS1)

Prepared: 03-Apr-25 Analyzed: 04-Apr-25

Benzene	1.99	0.050	mg/kg	2.00		99.5	82.8-130			
Toluene	2.06	0.050	mg/kg	2.00		103	86-128			
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	85.9-128			
m,p-Xylene	4.04	0.100	mg/kg	4.00		101	89-129			
o-Xylene	2.00	0.050	mg/kg	2.00		100	86.1-125			
Total Xylenes	6.04	0.150	mg/kg	6.00		101	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.7	71.5-134			

LCS Dup (5040319-BSD1)

Prepared: 03-Apr-25 Analyzed: 04-Apr-25

Benzene	1.86	0.050	mg/kg	2.00		93.2	82.8-130	6.62	15.8	
Toluene	1.94	0.050	mg/kg	2.00		96.9	86-128	6.00	15.9	
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.6	85.9-128	6.57	16	
m,p-Xylene	3.76	0.100	mg/kg	4.00		94.0	89-129	7.10	16.2	
o-Xylene	1.87	0.050	mg/kg	2.00		93.6	86.1-125	6.63	16.7	
Total Xylenes	5.63	0.150	mg/kg	6.00		93.9	88.2-128	6.94	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0491		mg/kg	0.0500		98.2	71.5-134			

Batch 5040327 - Volatiles**Blank (5040327-BLK1)**

Prepared: 03-Apr-25 Analyzed: 04-Apr-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5040327 - Volatiles**Blank (5040327-BLK1)**

Prepared: 03-Apr-25 Analyzed: 04-Apr-25

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0550		mg/kg	0.0500		110	71.5-134			

LCS (5040327-BS1)

Prepared: 03-Apr-25 Analyzed: 04-Apr-25

Benzene	1.98	0.050	mg/kg	2.00		98.8	82.8-130			
Toluene	1.95	0.050	mg/kg	2.00		97.5	86-128			
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	85.9-128			
m,p-Xylene	4.32	0.100	mg/kg	4.00		108	89-129			
o-Xylene	2.14	0.050	mg/kg	2.00		107	86.1-125			
Total Xylenes	6.47	0.150	mg/kg	6.00		108	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.6	71.5-134			

LCS Dup (5040327-BSD1)

Prepared: 03-Apr-25 Analyzed: 04-Apr-25

Benzene	1.99	0.050	mg/kg	2.00		99.4	82.8-130	0.591	15.8	
Toluene	1.89	0.050	mg/kg	2.00		94.4	86-128	3.15	15.9	
Ethylbenzene	1.97	0.050	mg/kg	2.00		98.4	85.9-128	3.54	16	
m,p-Xylene	4.15	0.100	mg/kg	4.00		104	89-129	4.12	16.2	
o-Xylene	2.07	0.050	mg/kg	2.00		103	86.1-125	3.45	16.7	
Total Xylenes	6.22	0.150	mg/kg	6.00		104	88.2-128	3.90	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0484		mg/kg	0.0500		96.9	71.5-134			

Batch 5040502 - Volatiles**Blank (5040502-BLK1)**

Prepared: 05-Apr-25 Analyzed: 06-Apr-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0626		mg/kg	0.0500		125	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5040502 - Volatiles**LCS (5040502-BS1)**

Prepared: 05-Apr-25 Analyzed: 06-Apr-25

Benzene	1.93	0.050	mg/kg	2.00		96.4	82.8-130			
Toluene	2.20	0.050	mg/kg	2.00		110	86-128			
Ethylbenzene	2.48	0.050	mg/kg	2.00		124	85.9-128			
m,p-Xylene	5.04	0.100	mg/kg	4.00		126	89-129			
o-Xylene	2.45	0.050	mg/kg	2.00		123	86.1-125			
Total Xylenes	7.49	0.150	mg/kg	6.00		125	88.2-128			

Surrogate: 4-Bromofluorobenzene (PID)	0.0596		mg/kg	0.0500		119	71.5-134			
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LCS Dup (5040502-BSD1)

Prepared: 05-Apr-25 Analyzed: 06-Apr-25

Benzene	1.95	0.050	mg/kg	2.00		97.3	82.8-130	0.980	15.8	
Toluene	2.07	0.050	mg/kg	2.00		103	86-128	6.34	15.9	
Ethylbenzene	2.40	0.050	mg/kg	2.00		120	85.9-128	3.46	16	
m,p-Xylene	4.99	0.100	mg/kg	4.00		125	89-129	1.01	16.2	
o-Xylene	2.44	0.050	mg/kg	2.00		122	86.1-125	0.522	16.7	
Total Xylenes	7.43	0.150	mg/kg	6.00		124	88.2-128	0.851	16.3	

Surrogate: 4-Bromofluorobenzene (PID)	0.0593		mg/kg	0.0500		119	71.5-134			
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5040307 - General Prep - Organics**Blank (5040307-BLK1)**

Prepared & Analyzed: 03-Apr-25

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	48.9		mg/kg	50.0		97.8	44.4-145			
Surrogate: 1-Chlorooctadecane	45.7		mg/kg	50.0		91.3	40.6-153			

LCS (5040307-BS1)

Prepared & Analyzed: 03-Apr-25

GRO C6-C10	200	10.0	mg/kg	200		100	81.5-123			
DRO >C10-C28	202	10.0	mg/kg	200		101	77.7-122			
Total TPH C6-C28	402	10.0	mg/kg	400		101	80.9-121			
Surrogate: 1-Chlorooctane	52.1		mg/kg	50.0		104	44.4-145			
Surrogate: 1-Chlorooctadecane	49.3		mg/kg	50.0		98.6	40.6-153			

LCS Dup (5040307-BS1)

Prepared & Analyzed: 03-Apr-25

GRO C6-C10	197	10.0	mg/kg	200		98.7	81.5-123	1.26	13	
DRO >C10-C28	199	10.0	mg/kg	200		99.4	77.7-122	1.79	15.6	
Total TPH C6-C28	396	10.0	mg/kg	400		99.0	80.9-121	1.53	18.5	
Surrogate: 1-Chlorooctane	53.7		mg/kg	50.0		107	44.4-145			
Surrogate: 1-Chlorooctadecane	50.4		mg/kg	50.0		101	40.6-153			

Batch 5040343 - General Prep - Organics**Blank (5040343-BLK1)**

Prepared: 03-Apr-25 Analyzed: 04-Apr-25

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	50.3		mg/kg	50.0		101	44.4-145			
Surrogate: 1-Chlorooctadecane	48.8		mg/kg	50.0		97.7	40.6-153			

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Analytical Results For:

Safety & Environmental Solutions
703 East Clinton
Hobbs NM, 88240

Project: STRAY CAT 85
Project Number: DEV-25-002
Project Manager: ARMANDO AGUIRRE
Fax To: (575) 393-4388

Reported:
10-Apr-25 17:50

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5040343 - General Prep - Organics**LCS (5040343-BS1)**

Prepared: 03-Apr-25 Analyzed: 04-Apr-25

GRO C6-C10	196	10.0	mg/kg	200		98.2	81.5-123			
DRO >C10-C28	206	10.0	mg/kg	200		103	77.7-122			
Total TPH C6-C28	402	10.0	mg/kg	400		100	80.9-121			
Surrogate: 1-Chlorooctane	52.8		mg/kg	50.0		106	44.4-145			
Surrogate: 1-Chlorooctadecane	52.0		mg/kg	50.0		104	40.6-153			

LCS Dup (5040343-BS1)

Prepared: 03-Apr-25 Analyzed: 04-Apr-25

GRO C6-C10	196	10.0	mg/kg	200		98.2	81.5-123	0.0255	13	
DRO >C10-C28	209	10.0	mg/kg	200		104	77.7-122	1.37	15.6	
Total TPH C6-C28	405	10.0	mg/kg	400		101	80.9-121	0.715	18.5	
Surrogate: 1-Chlorooctane	54.8		mg/kg	50.0		110	44.4-145			
Surrogate: 1-Chlorooctadecane	54.5		mg/kg	50.0		109	40.6-153			

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

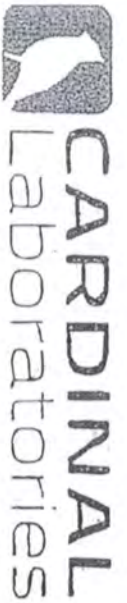
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

Company Name: Safety and Environmental Solutions

Project Manager: Armando Aguirre

Address: 703 East Clinton, PO Box 1813

City: Hobbs State: NM Zip: 88240

Phone #: 575-397-0510 Fax #: 575-393-4388

Project #: Dev-35002 Project Owner:

Project Name: Gray Coa 8 5

Project Location: Sandy Cat 8 5

Sample Name: Enma 5 Row

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H57966 *

QSP-23-1

QSP-24-1

QSP-25-1

QSP-26-1

QSP-27-1

QSP-28-1

QSP-29-1

QSP-30-1

QSP-31-1

QSP-32-1

QSP-33-1

QSP-34-1

QSP-35-1

QSP-36-1

QSP-37-1

QSP-38-1

QSP-39-1

QSP-40-1

QSP-41-1

QSP-42-1

QSP-43-1

QSP-44-1

QSP-45-1

QSP-46-1

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QSP-72-1

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QSP-74-1

QSP-75-1

QSP-76-1

QSP-77-1

QSP-78-1

QSP-79-1

QSP-80-1

QSP-81-1

QSP-82-1

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QSP-86-1

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QSP-100-1

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QSP-102-1

QSP-103-1

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QSP-106-1

QSP-107-1

QSP-108-1

QSP-109-1

QSP-110-1

QSP-111-1

QSP-112-1

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QSP-135-1

QSP-136-1

QSP-137-1

QSP-138-1

QSP-139-1

QSP-140-1

QSP-141-1

QSP-142-1

QSP-143-1

QSP-144-1

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QSP-299-1

QSP-300-1

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QSP-302-1

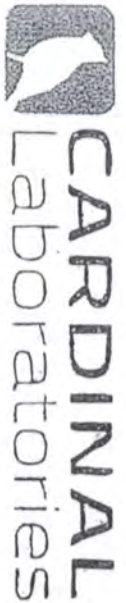
QSP-303-1

QSP-304-1

QSP-305-1

QSP-306-1

QSP-3



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2478

Company Name: Safety and Environmental Solutions

Project Manager: Armando Aguirre

Address: 703 East Clinton, PO Box 1813

City: Hobbs

Phone #: 575 397-0510

Project #: ~~DEV-25-002~~ Project Owner:

Project Name: ~~Stroy Cat 85~~

Project Location: ~~Stroy Cat 85~~

Sampler Name: ~~Emmer J Rono~~

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H57944X

11 C-SP-17-2'

12 C-SP-P-3'

13 HP-1-6"

14 HP-2-6"

15 HP-3-6"

16 HP-4-6"

17 HP-5-6"

18 HP-6-6"

19 HP-7-6"

20 HP-8-6"

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER:
ACID/BASE:
ICE / COOL
OTHER:

DATE
TIME

BTEX
TPH
CL

ANALYSIS REQUEST

PLEASE NOTE: Usability and Damages. Cardholder is responsible for any chain of custody which is based in correct use. This form is provided to the requestor by the owner for the analysis. All items including this form for requestor and any other items which are not to be damaged unless noted in writing and received by Cardholder. When 30 days after completion of the analysis. In no event shall Cardholder be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits resulting from the analysis. In no event shall Cardholder be liable for any damages, including without limitation, business interruption, loss of use, or loss of profits resulting from the analysis. In no event shall Cardholder be liable for any damages, including without limitation, business interruption, loss of use, or loss of profits resulting from the analysis.

Relinquished By: Emmer J Rono

Date: 4/2/25

Time: 11:31

Received By: Armando Aguirre

Date: 4/2/25

Time: 11:31

Delivered By: (Circle One) CF+0.30 #440

Sample Condition
Good ☒ Fair ☐ Poor ☐ Other ☐

CHECKED BY: (Signature)

REMARKS: * Customer requested ID changes.

4/2/25



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 06, 2025

ARMANDO AGUIRRE

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: STRAY CAT

Enclosed are the results of analyses for samples received by the laboratory on 05/05/25 16:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
 ARMANDO AGUIRRE
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 05/05/2025
 Reported: 05/06/2025
 Project Name: STRAY CAT
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

Sampling Date: 05/05/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BF - 1 (H252675-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2025	ND	1.80	90.2	2.00	9.01	
Toluene*	<0.050	0.050	05/05/2025	ND	1.89	94.6	2.00	9.28	
Ethylbenzene*	<0.050	0.050	05/05/2025	ND	1.88	94.1	2.00	9.12	
Total Xylenes*	<0.150	0.150	05/05/2025	ND	5.55	92.6	6.00	9.17	
Total BTX	<0.300	0.300	05/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/06/2025	ND	480	120	400	10.5	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2025	ND	186	92.9	200	0.570	
DRO >C10-C28*	<10.0	10.0	05/06/2025	ND	201	100	200	0.168	
EXT DRO >C28-C36	<10.0	10.0	05/06/2025	ND					

Surrogate: 1-Chlorooctane 90.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.9 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

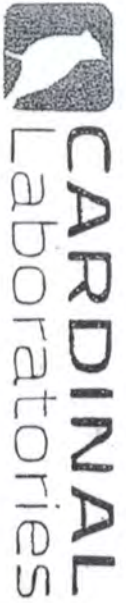
Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2478

Company Name: Safety and Environmental Solutions

Project Manager: Armando Aguirre

Address: 703 East Clinton, PO Box 1613

City: Hobbs State: NM Zip: 88240

Phone #: 575 397-0510 Fax #: 575 393-4388

Project #:

Project Name: Shay Cat

Project Location: Shay Cat

Sampler Name: Emmer J Rowe

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H833475

1 BF-1

(S)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER:
ACID/BASE:
ICE / COOL
OTHER:

DATE TIME
5-5-2012 10:40am
X BTEX
X TPH
X CL

MATRIX PRESERV SAMPLING

ANALYSIS REQUEST

PLEASE NOTE: Usability and Damages: Cardinal's liability and effect of a contract remedy for any claim arising out of this contract shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of data, or loss of profits incurred by client, its subsidiaries, affiliates, or associated entities, out of or arising from the performance of services rendered by Cardinal. This limitation shall apply to all claims, including those for negligence, arising out of or from the performance of services rendered by Cardinal. This limitation shall apply to all claims, including those for negligence, arising out of or from the performance of services rendered by Cardinal.

Relinquished By: Emmer J Rowe

Date: 5-5-12

Time: 10:05

Date: 5-5-12

Time: 10:05

Date: 5-5-12

Time: 10:05

Sample Condition
Cool ☒ Hot ☐
Sealed ☒ Open ☐
Yes ☒ No ☐

CHECKED BY:
(initials)

REMARKS:
aaguirre@sesi-nm.com
sbabb@sesi-nm.com
kywatsen@sesi-nm.com
eromo@sesi-nm.com
strodriquer@sesi-nm.com

Phone Result: ☐ Yes ☐ No
Fax Result: ☐ Yes ☐ No
Add'l Phone #: 247ms
Add'l Fax #: 247ms

OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[C-141] Initial C-141 (C-141-V-INITIAL) Application

Submission Information

Submission ID:	426955	Districts:	Hobbs
Operator:	[6137] DEVON ENERGY PRODUCTION COMPANY, LP	Counties:	Lea
Description:	DEVON ENERGY PRODUCTION COMPANY, LP [6137] , STRAY CAT 8 5 FEDERAL COM #212Y , nAPP2502336196		
Status:	APPROVED		
Status Date:	02/05/2025		
References (2):	30-025-45150, nAPP2502336196		

Forms

Attachments: [Volume Calculation](#)

Questions

Prerequisites

Incident ID (n#)	nAPP2502336196
Incident Name	NAPP2502336196 STRAY CAT 8 5 FEDERAL COM #212Y @ 30-025-45150
Incident Type	Oil Release
Incident Status	Initial C-141 Received
Incident Well	[30-025-45150] STRAY CAT 8 5 FEDERAL COM #212Y

Location of Release Source

Please answer all the questions in this group.

Site Name	STRAY CAT 8 5 FEDERAL COM #212Y
Date Release Discovered	01/21/2024
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Well Crude Oil Released: 33 BBL Recovered: 30 BBL Lost: 3 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Well Produced Water Released: 20 BBL Recovered: 19 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there <div>additional details</div> for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Wellhead packing developed leak, this allowed the release of approx. 53 bbls to pad surface. Free liquids were

Nature and Volume of Release (continued)

Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a “gas only” report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. “Major release” determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follo
If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed the follow-up C-141 submission.

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 f 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 shc 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 do operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 01/31/2025
--	--

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.

What is the minimum distance, between the closest lateral extents of the release and the following surface areas:

A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.

A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission No

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan, then it should consult with the division to determine if another remediation plan submission is required.

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary: rhamlet (2/5/2025), None

Reasons

No reasons found for this submission.

Go Back

OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Release (NOR) Application

Submission Information

Submission ID:	424027	Districts:	Hobbs
Operator:	[6137] DEVON ENERGY PRODUCTION COMPANY, LP	Counties:	Lea
Description:	DEVON ENERGY PRODUCTION COMPANY, LP [6137] , STRAY CAT 8 5 FEDERAL COM #212Y , nAPP2502336196		
Status:	APPROVED		
Status Date:	01/23/2025		
References (2):	30-025-45150, nAPP2502336196		

Forms

This application type does not have attachments.

Questions

Location of Release Source

Please answer all the questions in this group.

Site Name	STRAY CAT 8 5 FEDERAL COM #212Y
Date Release Discovered	01/21/2024
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Well Crude Oil Released: 33 BBL Recovered: 30 BBL Lost: 3 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Well Produced Water Released: 20 BBL Recovered: 19 BBL Lost: 1 BBL.

Are there **additional details** for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) **Wellhead packing developed leak, this allowed the release of approx. 53 bbls to pad surface. Free liquids were**

Nature and Volume of Release (continued)

Is this a gas only submission (i.e. only significant Mcf values reported) **No, according to supplied volumes this does not appear to be a “gas only” report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC **Yes**
Reasons why this would be considered a submission for a notification of a major release **From paragraph A. “Major release” determine using:
(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

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 **True**
The impacted area has been secured to protect human health and the environment **True**
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices **True**
All free liquids and recoverable materials have been removed and managed appropriately **True**
If all the actions described above have not been undertaken, explain why **Not answered.**

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow up 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 prepare and attach all information needed for closure evaluation in the follow-up C-141 su

Acknowledgments

- ☒ I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
- ☒ I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
- ☒ I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
- ☒ 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.
- ☒ I acknowledge the fact that 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.
- ☒ I acknowledge the fact that, 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.

Comments

No comments found for this submission.

Conditions

Summary: *jraleay (1/23/2025), When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.*

Go Back

New Mexico Energy, Minerals and Natural Resources Department | Copyright 2012
1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220



United States Department of Interior
Bureau of Land Management
Major Undesirable Event Report

Report Type: Initial 24-Hour <input checked="" type="checkbox"/> 15-Day/Final <input type="checkbox"/> Other/Follow-up <input type="checkbox"/>					
BLM Field Office: Carlsbad			State: NM		
BLM Contact: Crisha Morgan			Date of this Report: 1/23/2025		
Company Official Reporting to BLM: Jim Raley					
Operator: Devon Energy					
Date/Time of Occurrence: 1/21/2025			Date/Time BLM Notified: 1/23/2025		
Field/Unit Name: N			Lease Number: 320993		
State: NM	County: Eddy	Twp:08	Rng:23S	Sec:32E	Qtr:
Latitude/ Longitude: 32.313359,-103.69848					
Surface Ownership:		Federal: <input checked="" type="checkbox"/>	Indian: <input type="checkbox"/>	State: <input type="checkbox"/>	FEE <input type="checkbox"/>
Type and Relevant Details of Event					
Oil Spill <input type="checkbox"/>	Oil/Water Spill <input checked="" type="checkbox"/>	Gas Venting <input type="checkbox"/>	Toxic Fluid Spill <input type="checkbox"/>		
Saltwater Spill <input type="checkbox"/>	Other Spill (Specific) <input type="checkbox"/>	Blowout <input type="checkbox"/>	Fire <input type="checkbox"/>		
Injury <input type="checkbox"/>	Fatality <input type="checkbox"/>	Property Damage <input type="checkbox"/>	Explosion <input type="checkbox"/>		
Nature and Cause of Event: Stuffing box leak allowed approx.. 53 bbls to impact pad surface.					
Environmental Impact: Fluids remained onsite.					
Time Required to Control Event (Hours):		1 hour			
Volume Discharged or Consumed:		Oil: 33 bbls	Water: 20 bbls	Gas: ___ mcf	
Volumes Recovered:		Oil: 30 bbls	Water: 19 bbls		
Net Volume Lost:		Oil: 3 bbls	Water: 1 bbls	Gas: ___ mcf	
Action Taken to Control Event: Well shut in and stuffing box repaired.					
Resulting Damage: Soils on pad impacted.					
Clean-Up Procedures: Impacted soils to be removed. Reported to NMOCD - nAPP2502336196					
Cause/Extent of Personal Injury: None					
Actions the operator has taken or will take to prevent a recurrence of the incident: Stuffing box inspected after repair.					
Agency Notification List: (Federal/ State/ Local):	Agency Name		Contact Name	Date/Time	
	NMOCD		Mike Bratcher	1/23/2024	
	BLM		Chrisha Morgan	1/23/2024	

Remarks: Include available Major Undesirable Events (MUE) history (attach additional sheet, if needed) for the past 3 years of the same well. Include pictures, if available.

Stuffing box leak allowed approx. 53 bbls to impact pad surface. Approx 49 bbls was recovered. Incident reported to NMOC and assigned nAPP2502336196. Environmental contractor SESI dispatched to evaluate and plan remediation.



Spill Volume(Bbls) Calculator	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>6954</u>	<u>0.125</u>
Cubic Feet of Soil Impacted	<u>72.438</u>
Barrels of Soil Impacted	<u>12.91</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>1.94</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	<u>1.94</u>
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>6954</u>	<u>0.500</u>
Standing fluid	<u>51.649</u>
Total fluids spilled	<u>53.586</u>

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1220 S. St Francis Dr.
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QUESTIONS

Action 467683

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 467683
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502336196
Incident Name	NAPP2502336196 STRAY CAT 8 5 FEDERAL COM #212Y @ 30-025-45150
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-45150] STRAY CAT 8 5 FEDERAL COM #212Y

Location of Release Source	
Please answer all the questions in this group.	
Site Name	STRAY CAT 8 5 FEDERAL COM #212Y
Date Release Discovered	01/21/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Well Crude Oil Released: 33 BBL Recovered: 30 BBL Lost: 3 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Well Produced Water Released: 20 BBL Recovered: 19 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Wellhead packing developed leak, this allowed the release of approx. 53 bbls to pad surface. Free liquids were removed.

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QUESTIONS, Page 2

Action 467683

QUESTIONS (continued)

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QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 05/28/2025
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QUESTIONS, Page 3

Action 467683

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 467683
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	416
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	55
GRO+DRO (EPA SW-846 Method 8015M)	55
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	01/28/2025
On what date will (or did) the final sampling or liner inspection occur	04/08/2025
On what date will (or was) the remediation complete(d)	04/14/2025
What is the estimated surface area (in square feet) that will be reclaimed	3785
What is the estimated volume (in cubic yards) that will be reclaimed	140
What is the estimated surface area (in square feet) that will be remediated	3785
What is the estimated volume (in cubic yards) that will be remediated	140
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Action 467683

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 467683
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 05/28/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 467683

QUESTIONS (continued)

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	Action Number: 467683
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 467683

QUESTIONS (continued)

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	Action Number: 467683
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	446807
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/02/2025
What was the (estimated) number of samples that were to be gathered	19
What was the sampling surface area in square feet	2576

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	3785
What was the total volume (cubic yards) remediated	140
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	3785
What was the total volume (in cubic yards) reclaimed	140
Summarize any additional remediation activities not included by answers (above)	Remediation Complete
<i>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 (in .pdf format) 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.</i>	
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.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 05/28/2025

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Action 467683

QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 467683

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 467683
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2502336196 STRAY CAT 8 5 FEDERAL COM #212Y, thank you. This Remediation Closure Report is approved.	7/10/2025