KJE
Bold. Insightful. Connected.
500 Moseley Road | Cross Roads, Texas 76227 | (940) 387-0805

September 11, 2025

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: **Site Characterization / Remediation Plan: OWL SWD Operating, LLC. – Anthill SWD #005, API# 30-015-41691, Latitude/Longitude: 32.59891, -104.04984, Quarter SW, Section 02, Township 20S 29E, Eddy County, New Mexico – nAPP2412243417**

To Whom it May Concern,

KJ Environmental Mgt., Inc. (KJE) is pleased to submit this Site Characterization Remediation Plan for the Anthill SWD #005 (API# 30-015-41691) located at Latitude/Longitude: 32.59891, -104.04984 in Eddy County, New Mexico. This plan discusses the proposed remediation techniques, proposed timeline for remediation activities, and a scaled sitemap showing approximate spill boundary.

Best Regards,

Travis Reddick, PG
Environmental Project Manager

Travis Oaks, PG
VP of Environmental Services

Table of Contents

APPENDICES

Executive Summary

KJ Environmental Mgt., Inc. (KJE), was retained by OWL SWD Operating, LLC., to complete a Site Characterization and Remediation Plan on the Anthill SWD #005 (API# 30-015-41691) in Eddy County, New Mexico. On February 20, 2025, KJE was procured by Mr. Lucas Sheward of OWL SWD Operating, LLC., regarding the remediation of a site at the above-referenced location. The Anthill SWD #005 facility consists of four (4) saltwater disposal above ground tanks and associated pumps and piping located within secondary containment in the form of an earthen berm. The piping from the tanks is routed to a saltwater disposal injection well in the center of the pad. According to a Notification of Release form received by the NMOCD on May 1, 2024, at approximately 7:10 pm on July 25, 2022 the Anthill SWD #005 caught fire due to a lightning strike. The entire facility burned to the ground save for one tank. Approximately 153 bbls of crude oil were released. All oil was consumed in the fire. OWL SWD Operating, LLC., plans to remediate the spill area. The release impacted surface and subsurface soils immediately surrounding the tank battery. The release received incident number nAPP2412243417. The land use around the impacted site is generally vacant/oilfield use. The nearest sensitive feature near the release site is a playa lake located approximately 15,000 feet to the east of the site. A nearby water well, CP-00739-POD1, indicates that the depth to water in the area is approximately 110 feet bgs. According to the karst potential map, the site is located in a high karst potential evaporite basin with depths of 10 to 400 meters. Due to the high karst potential, depth to groundwater will be treated as less than 50 feet. Therefore, samples will be compared to the most stringent Table 1 criteria.

Remediation activities will begin with the removal of remaining tank battery materials piping, which will be disposed at R360 off-site, in accordance with applicable regulations. This will be followed by the removal of six (6) inches of caliche across the spill area and tank battery, which will then be tested for Chlorides via EPA 300.0, TPH via EPA SW-846 Method 8015M, and BTEX via EPA SW-846 Method 8021B or 8260B. The sample results will be compared to 19.15.29 Table 1. Due to the site being located in a high potential karst area, the release will be treated as if it occurred less than 50 feet to groundwater in Table 1 of 19.15.29.12 NMAC. The closure criteria limits will be 600 mg/kg for chlorides, 100 mg/kg for TPH, 50 mg/g for BTEX, and 10 mg/kg for benzene. If the removed caliche tests clean, the material will be placed on nearby lease roads and watered and rolled in for long term stability.

Following initial characterization activities, an initial excavation of two (2) feet of soil will be removed inside of the firewall and spill area. The excavations will then be tested for Chlorides, TPH, and BTEX and compared to NMAC 19.15.29 Table 1. Samples will be taken for every 200 square feet of excavation area, along sidewalls and floor of the excavation. If sample results are found above their respective Table 1 limits, the area will be further excavated in one (1) foot increments until sample results are found to be below their limits.

Once sample results are found below their respective Table 1 limits, the area will be backfilled with clean, fresh soil.

1.0 Introduction

KJ Environmental Mgt., Inc. (KJE), was retained by OWL SWD Operating, LLC., to complete a Site Characterization and Remediation Plan on the Anthill SWD #005 (API# 30-015-41691) in Eddy County, New Mexico. On February 20, 2025, KJE was procured by Mr. Lucas Sheward of OWL SWD Operating, LLC., regarding the remediation of a site at the above-referenced location. The Anthill SWD #005 facility consists of four (4) saltwater disposal above ground tanks and associated pumps and piping located within secondary containment in the form of an earthen berm. The piping from the tanks is routed to a saltwater disposal injection well in the center of the pad. According to a Notification of Release form received by the NMOCD on May 1, 2024, at approximately 7:10 pm on July 25, 2022 the Anthill SWD #005 caught fire due to a lightning strike. The entire facility burned to the ground save for one tank. Approximately 153 bbls of crude oil were released. All oil was consumed in the fire. OWL SWD Operating, LLC., plans to remediate the spill area. The release impacted surface and subsurface soils immediately surrounding the tank battery. The release received incident number nAPP2412243417. The land use around the impacted site is generally vacant/oilfield use. The nearest sensitive feature near the release site is a playa lake located approximately 15,000 feet to the east of the site. A nearby water well, CP-00739-POD1, indicates that the depth to water in the area is approximately 110 feet bgs. According to the karst potential map, the site is located in a high karst potential evaporite basin with depths of 10 to 400 meters. Due to the high karst potential, depth to groundwater will be treated as less than 50 feet. Therefore, samples will be compared to the most stringent Table 1 criteria.

2.0 Proposed Remediation Plan

2.1 Remediation Activities

Remediation activities will begin with the removal of remaining tank battery materials piping, which will be disposed at R360, in accordance with applicable regulations off-site. This will be followed by the removal of six (6) inches of caliche across the spill area, which will then be tested for Chlorides via EPA 300.0, TPH via EPA SW-846 Method 8015M, and BTEX via EPA SW-846 Method 8021B or 8260B. The sample results will be compared to 19.15.29 Table 1. If the removed caliche tests clean, the material will be placed on nearby lease roads and watered and rolled in for long term stability.

Following initial characterization activities, an initial excavation of two (2) feet of soil will be removed inside of the firewall and spill area. The excavations will then be tested for Chlorides, TPH, and BTEX and compared to NMAC 19.15.29 Table 1. Samples will be taken for every 200 square feet of excavation area, along sidewalls and floor of the excavation. If sample results are

found above their respective Table 1 limits, the area will be further excavated in one (1) foot increments until sample results are found to be below their limits.

Once sample results are found below their respective Table 1 limits, the area will be backfilled with top soil.

KJE approximates 26,800 cubic feet (ft^3) of material to be removed through remediation activities. This amount is subject to change due to field observations and analytical results of excavations.

2.2 Cultural Properties Protection Rule Compliance

Remediation activities are anticipated to remain in previously disturbed areas of the well pad. If any surface disturbing activities encroach into undisturbed areas, the Cultural Properties Protection (CPP) Rule will be followed.

2.3 Biologically Sensitive Areas Compliance

According to the U.S. Fish & Wildlife Information for Planning and Consultation endangered species database, no critical habitats are located at the site. The New Mexico Department of Game and Fish Environmental Review Tool lists the site as Priority 5 in crucial habitats and species of concern. Remediation activities are anticipated to remain in previously disturbed areas of the well pad. Measures to comply with the Candidate Conservation Agreement with Assurances include restoration of natural habitat by removal of the caliche pad, reclamation of the well pad, and revegetation with native species.

3.0 Site Characterization / Soil Sampling Procedures

3.1 Soil Samples

NMSLO and NMOCD will be notified at least 2 business days prior to commencement of any remediation activities. Soil samples will initially be collected in a grid pattern, for every 200 square feet, within the excavation as noted above, and all samples will be collected in laboratory supplied glass containers for laboratory analysis. Following the initial sampling event, further sampling will be conducted after further excavation as needed. The collected soil samples will be placed in laboratory-supplied containers, labeled, placed in an insulated container with ice, providing a 4°C environment for sufficient preservation, until delivery to Eurofins (a third-party, independent, and licensed environmental laboratory in Carlsbad, New Mexico) accompanied by completed chain-of-custody. The soil samples will be analyzed for Chlorides via EPA 300.0, TPH via EPA SW-846 Method 8015M, and BTEX via EPA SW-846 Method 8021B or 8260B. The sample collection and handling activities will be conducted in accordance with USEPA Standard Operating Procedures and strict chain-of-custody protocols.

The sample results will be compared to the NMOCD/NMLSO closure applicable criteria. Due to the site being located in a high potential karst area, the release will be treated as if it occurred less than 50 feet to groundwater in Table 1 of 19.15.29.12 NMAC. The closure criteria limits will be 600 mg/kg for chlorides, 100mg/kg for TPH, 50 mg/g for BTEX, and 10 mg/kg for benzene.

3.2 Initial Site Characterization

On August 7, 2025, KJE conducted preliminary site assessment activities to determine the initial extent of impacts at the site. KJE collected fifteen soil samples, SS-01 through SS-15, and one (1) background sample, BS-01, utilizing a geotechnical hand auger at a depth of 2-ft bgs. The samples were field preserved and delivered to Eurofins Laboratory in Carlsbad, NM. Laboratory analysis indicated that three (3) samples were above their criteria in Table 1 of 19.15.29.12 NMAC for chlorides at 600 mg/kg. SS-05 was found at 866 mg/kg, SS-06 was found at 1,710 mg/kg, and SS-14 was found at 741 mg/kg. These sample locations were further excavated to a depth of four (4) feet bgs. On August 18, 2025, KJE collected three (3) soil samples from the over excavated areas, SS-16 through SS-18. All three (3) of these soil samples were found below their criteria in Table 1 of 19.15.29 NMAC for chlorides at 600 mg/kg. Based on sample results, the spill area has been delineated vertically and horizontally. A sampling map and laboratory analytical data is included in Appendix A and B, respectively.

Table 1 – Soil Analytical Results

Laboratory Sample Designation		Units	NMAC 19.15.29.12 Table 1 Closure Criteria	890-8586-1	890-8586-2	890-8586-3	890-8586-4	890-8586-5	890-8586-6	890-8586-7	890-8586-8	890-8586-10	890-8586-11	890-8586-12
Sample Designation				SS-01	SS-02	SS-03	SS-04	SS-05	SS-06	SS-07	SS-08	SS-09	SS-10	SS-11
Date Collected				8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025
Sample Depth				2'	2'	2'	2'	2'	2'	2'	2'	2'	2'	2'
Method	Analyte													
8015M	TPH C6-C12	mg/kg	**100**	<50.0	<50.0	<50.0	<50.0	<50.0	<49.8	<49.9	<50.0	<49.9	<50.0	<49.8
	TPH C12-C28	mg/kg	**100**	<50.0	<50.0	<50.0	<50.0	<50.0	<49.8	<49.9	<50.0	<49.9	<50.0	<49.8
	TPH C28-35	mg/kg	**100**	<50.0	<50.0	<50.0	<50.0	<50.0	<49.8	<49.9	<50.0	<49.9	<50.0	<49.8
	TPH C6-C35	mg/kg	**100**	<50.0	<50.0	<50.0	<50.0	<50.0	<49.8	<49.9	<50.0	<49.9	<50.0	<49.8
8021B	BENZENE	mg/kg	**10**	<0.00200	<0.00201	<0.00202	<0.00199	<0.00198	<0.00200	<0.00202	<0.00199	<0.00198	<0.00199	<0.00202
	TOLUENE	mg/kg	**50**	<0.00200	<0.00201	<0.00202	<0.00199	<0.00198	<0.00200	<0.00202	<0.00199	<0.00198	<0.00199	<0.00202
	ETHYLBENZENE	mg/kg	**50**	<0.00200	<0.00201	<0.00202	<0.00199	<0.00198	<0.00200	<0.00202	<0.00199	<0.00198	<0.00199	<0.00202
	XYLENES	mg/kg	**50**	<0.00399	<0.00402	<0.00404	<0.00398	<0.00396	<0.00400	<0.00404	<0.00398	<0.00397	<0.00398	<0.00404
300	CHLORIDE	mg/kg	**600**	**247**	**14.4**	**269**	**31.6**	**866**	**1710**	**294**	**19**	**275**	**280**	**141**

Laboratory Sample Designation		Units	NMAC 19.15.29.12 Table 1 Closure Criteria	890-8586-13	890-8586-14	890-8586-15	890-8586-16	890-8586-17	890-8645-1	890-8645-2	890-8645-3
Sample Designation				SS-12	SS-13	SS-14	SS-15	BS-01	SS-16	SS-17	SS-18
Date Collected				8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/18/2025	8/18/2025	8/18/2025
Sample Depth				2'	2'	2'	2'	2'	4'	4'	4'
Method	Analyte										
8015M	TPH C6-C12	mg/kg	**100**	<50.0	<50.0	<49.8	<50.0	<50.0	--	--	--
	TPH C12-C28	mg/kg	**100**	<50.0	<50.0	<49.8	<50.0	<50.0	--	--	--
	TPH C28-35	mg/kg	**100**	<50.0	<50.0	<49.8	<50.0	<50.0	--	--	--
	TPH C6-C35	mg/kg	**100**	<50.0	<50.0	<49.8	<50.0	<50.0	--	--	--
8021B	BENZENE	mg/kg	**10**	<0.00202	<0.00199	<0.00200	<0.00200	<0.00200	--	--	--
	TOLUENE	mg/kg	**50**	<0.00202	<0.00199	<0.00200	<0.00200	<0.00200	--	--	--
	ETHYLBENZENE	mg/kg	**50**	<0.00202	<0.00199	<0.00200	<0.00200	<0.00200	--	--	--
	XYLENES	mg/kg	**50**	<0.00403	<0.00398	<0.00399	<0.00400	<0.00400	--	--	--
300	CHLORIDE	mg/kg	**600**	**156**	**38.3**	**741**	**331**	<9.90	**14.6**	**283**	**37.1**

4.0 Proposed Remediation Timeline

4.1 Remediation Timeline

Initial removal of on-site oil production equipment is initially planned for July 30, 2025. After the removal of on-site equipment, excavation of the impacted areas will commence. Confirmation samples are planned after excavation is completed. If additional excavation and sampling is required, it will be completed as soon as possible. After confirmation samples are analyzed below NMAC 19.15.29 Table 1 limits, the excavation will be backfilled with clean fill dirt. The area will then be reseeded and watered based on the soil profile, utilizing the Sandy Loam (SL) NMSLO Seed Mix. A conservative estimate for completion is August 30, 2025. After remediation is completed, a final remediation report providing analytical results and justification for closure will be provided for review. The reseeding effort will be monitored annually to ensure reseeding mixtures provide revegetation consistent with local natural vegetation density. Upon completion of revegetation, a copy of the C-141-v-Revegetation submitted to NMOCD will also be submitted to NMSLO for final inspection and release.

5.0 Signature of Environmental Professional

Travis Oaks 09/11/2025

Travis Oaks Date
Environmental Professional
VP of Environmental Services

APPENDIX A – FIGURES

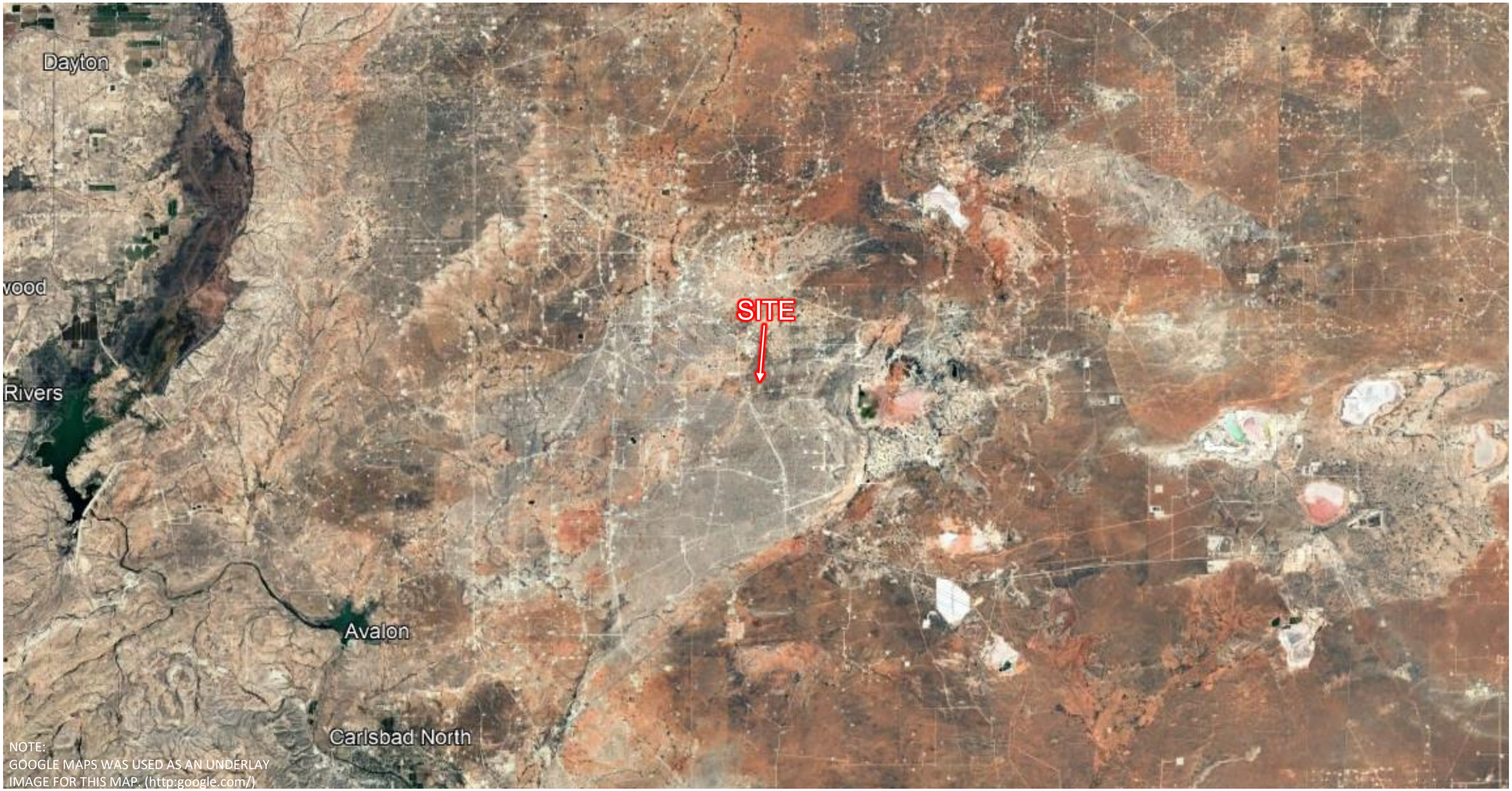


FIGURE:	Scale:				
1	1”-22,575’	GENERAL SITE LOCATION PILOT WATER SOLUTIONS ANTHILL SWD #005 (API# 30-015-41691) LATITUDE/LONGITUDE: 32.59891, -104.04984 ARTESIA, EDDY COUNTY, NEW MEXICO 88210	KJE	500 Moseley Road Cross Roads, Texas 76227 Phone (940) 387-0805 KJE-US.COM (TBPE # F-12214)	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR DEMOLITION PURPOSES. IT IS TO BE USED FOR INFORMATION PURPOSES ONLY.	N
	Date: JULY 2025					

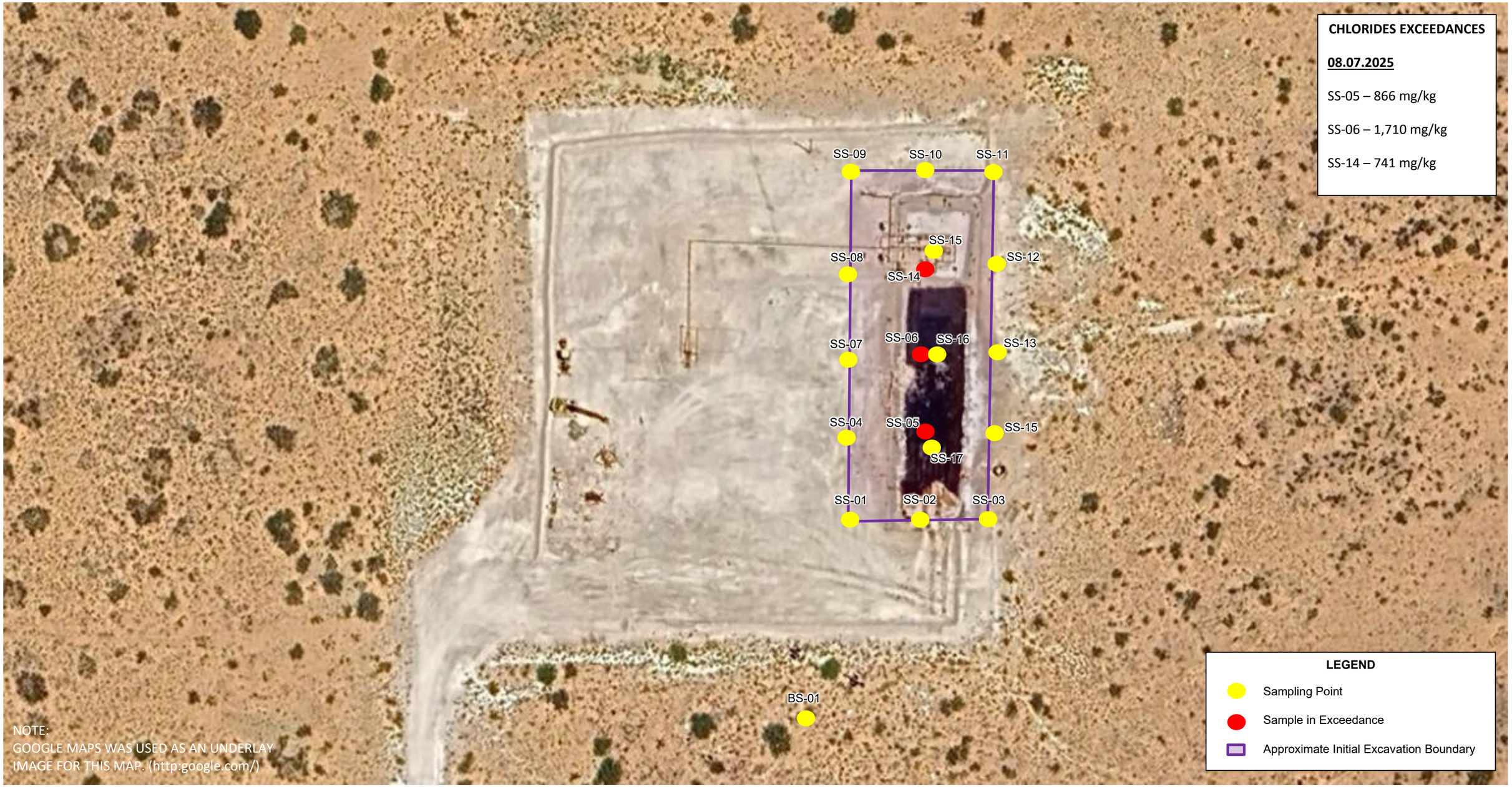


FIGURE:	Scale:			
2	1”-115’	SAMPLING / SITE CAHRACTERIZATION MAP PILOT WATER SOLUTIONS ANTHILL SWD #005 (API# 30-015-41691) LATITUDE/LONGITUDE: 32.59891, -104.04984 ARTESIA, EDDY COUNTY, NEW MEXICO 88210	500 Moseley Road Cross Roads, Texas 76227 Phone (940) 387-0805 KJE-US.COM (TBPE # F-12214)	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR DEMOLITION PURPOSES. IT IS TO BE USED FOR INFORMATION PURPOSES ONLY.
	Date: AUGUST 2025			

FIGURE:	Scale:				
3	1”-300’	OCD WELL LOCATION MAP PILOT WATER SOLUTIONS ANTHILL SWD #005 (API# 30-015-41691) LATITUDE/LONGITUDE: 32.59891, -104.04984 ARTESIA, EDDY COUNTY, NEW MEXICO 88210	KJE	500 Moseley Road Cross Roads, Texas 76227 Phone (940) 387-0805 KJE-US.COM (TBPE # F-12214)	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR DEMOLITION PURPOSES. IT IS TO BE USED FOR INFORMATION PURPOSES ONLY.
	Date: JULY 2025				N

FIGURE:	Scale:				
4	1”-3,060’	TOPOGRAPHIC MAP PILOT WATER SOLUTIONS ANTHILL SWD #005 (API# 30-015-41691) LATITUDE/LONGITUDE: 32.59891, -104.04984 ARTESIA, EDDY COUNTY, NEW MEXICO 88210	KJE	500 Moseley Road Cross Roads, Texas 76227 Phone (940) 387-0805 KJE-US.COM (TBPE # F-12214)	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR DEMOLITION PURPOSES. IT IS TO BE USED FOR INFORMATION PURPOSES ONLY.	N
	Date: JULY 2025					

FIGURE:	Scale:				
5	1”-1,505’	NWI WETLANDS MAP PILOT WATER SOLUTIONS ANTHILL SWD #005 (API# 30-015-41691) LATITUDE/LONGITUDE: 32.59891, -104.04984 ARTESIA, EDDY COUNTY, NEW MEXICO 88210	KJE	500 Moseley Road Cross Roads, Texas 76227 Phone (940) 387-0805 KJE-US.COM (TBPE # F-12214)	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR DEMOLITION PURPOSES. IT IS TO BE USED FOR INFORMATION PURPOSES ONLY.	N
	Date: JULY 2025					

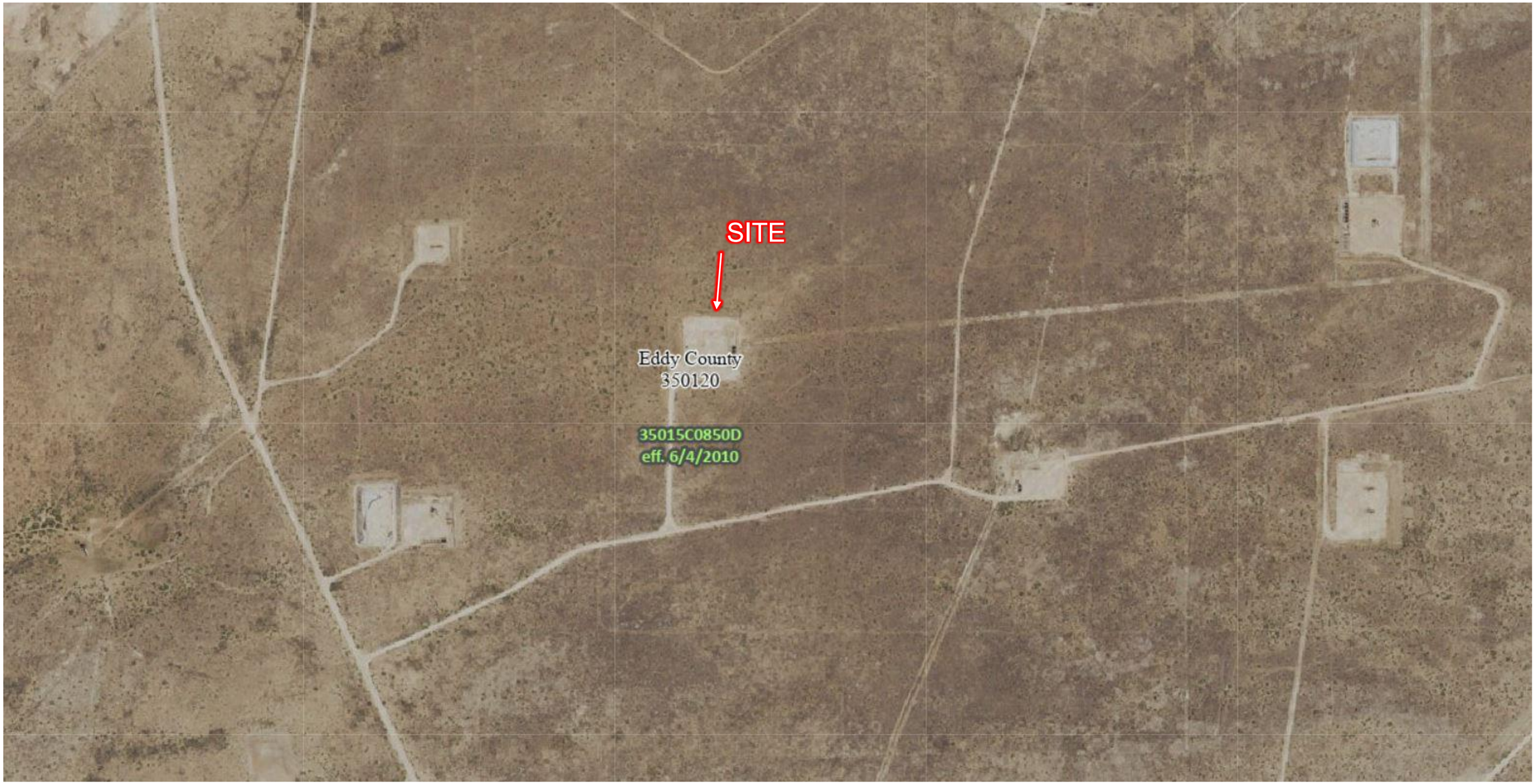


FIGURE:	Scale:			
6	1”-600’	FEMA FLOODPLAIN MAP PILOT WATER SOLUTIONS ANTHILL SWD #005 (API# 30-015-41691) LATITUDE/LONGITUDE: 32.59891, -104.04984 ARTESIA, EDDY COUNTY, NEW MEXICO 88210	KJE 500 Moseley Road Cross Roads, Texas 76227 Phone (940) 387-0805 KJE-US.COM (TBPE # F-12214)	THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR DEMOLITION PURPOSES. IT IS TO BE USED FOR INFORMATION PURPOSES ONLY.
	Date: JULY 2025			N

N

Figure 7 – Crucial Habitats Map
Anthill SWD #005 (API# 30-015-41691)
Latitude/Longitude: 32.59891, -104.04984
Eddy County, New Mexico

KJE

N

Figure 8 – Species of Concern Map
Anthill SWD #005 (API# 30-015-41691)
Latitude/Longitude: 32.59891, -104.04984
Eddy County, New Mexico

KJE

APPENDIX B – LABORATORY ANALYTICAL DATA

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Travis Oaks
KJ Environmental & Civil Engineering
500 Moseley
Cross Roads, New Mexico 76227

Generated 7/3/2025 1:38:43 PM

JOB DESCRIPTION

ANTHILL RECLAMATION
250039

JOB NUMBER

890-8367-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

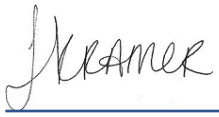
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Laboratory Job ID: 890-8367-1
SDG: 250039

Table of Contents

Definitions/Glossary

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Job ID: 890-8367-1
SDG: 250039

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: KJ Environmental & Civil Engineering Job ID: 890-8367-1
Project: ANTHILL RECLAMATION

Job ID: 890-8367-1 Eurofins Carlsbad

Job Narrative
890-8367-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 7/2/2025 3:14 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: SS - 21 (890-8367-1), SS - 22 (890-8367-2) and SS - 23 (890-8367-3).

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D - Soluble: The Chloride matrix spike duplicate (MSD) recoveries for preparation batch 880-113585 and analytical batch 880-113586 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

The associated samples are: SS - 21 (890-8367-1), SS - 22 (890-8367-2), SS - 23 (890-8367-3), (880-59886-A-12-A) and (880-59886-A-12-C MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Job ID: 890-8367-1
SDG: 250039

Client Sample ID: SS - 21

Lab Sample ID: 890-8367-1
Matrix: Solid
Date Collected: 07/02/25 13:57
Date Received: 07/02/25 15:14
Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/03/25 08:57	07/03/25 12:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/03/25 08:57	07/03/25 12:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/03/25 08:57	07/03/25 12:30	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/03/25 08:57	07/03/25 12:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/03/25 08:57	07/03/25 12:30	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/03/25 08:57	07/03/25 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/03/25 08:57*	*07/03/25 12:30*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/03/25 08:57*	*07/03/25 12:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/03/25 12:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/03/25 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/02/25 13:46	07/03/25 11:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/25 13:46	07/03/25 11:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/25 13:46	07/03/25 11:08	1
Total TPH	<50.0	U	50.0		mg/Kg		07/02/25 13:46	07/03/25 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*07/02/25 13:46*	*07/03/25 11:08*	*1*
o-Terphenyl	*84*		*70 - 130*	*07/02/25 13:46*	*07/03/25 11:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.3**		9.96		mg/Kg			07/03/25 10:51	1

Client Sample ID: SS - 22

Lab Sample ID: 890-8367-2
Matrix: Solid
Date Collected: 07/02/25 14:06
Date Received: 07/02/25 15:14
Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/03/25 08:57	07/03/25 12:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/03/25 08:57	07/03/25 12:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/03/25 08:57	07/03/25 12:50	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/03/25 08:57	07/03/25 12:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/03/25 08:57	07/03/25 12:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/03/25 08:57	07/03/25 12:50	1

Client Sample Results

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Job ID: 890-8367-1
SDG: 250039

Client Sample ID: SS - 22

Lab Sample ID: 890-8367-2
Matrix: Solid
Date Collected: 07/02/25 14:06
Date Received: 07/02/25 15:14
Sample Depth: 1'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/03/25 08:57*	*07/03/25 12:50*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/03/25 08:57*	*07/03/25 12:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			07/03/25 12:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			07/03/25 11:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		07/02/25 13:46	07/03/25 11:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		07/02/25 13:46	07/03/25 11:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		07/02/25 13:46	07/03/25 11:22	1
Total TPH	<50.0	U	50.0	mg/Kg		07/02/25 13:46	07/03/25 11:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*79*		*70 - 130*	*07/02/25 13:46*	*07/03/25 11:22*	*1*
o-Terphenyl	*80*		*70 - 130*	*07/02/25 13:46*	*07/03/25 11:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**77.0**		10.0	mg/Kg			07/03/25 10:57	1

Client Sample ID: SS - 23

Lab Sample ID: 890-8367-3
Matrix: Solid
Date Collected: 07/02/25 14:13
Date Received: 07/02/25 15:14
Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/03/25 08:57	07/03/25 13:11	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/03/25 08:57	07/03/25 13:11	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/03/25 08:57	07/03/25 13:11	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		07/03/25 08:57	07/03/25 13:11	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/03/25 08:57	07/03/25 13:11	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		07/03/25 08:57	07/03/25 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*07/03/25 08:57*	*07/03/25 13:11*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/03/25 08:57*	*07/03/25 13:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			07/03/25 13:11	1

Client Sample Results

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Job ID: 890-8367-1
SDG: 250039

Client Sample ID: SS - 23

Date Collected: 07/02/25 14:13
Date Received: 07/02/25 15:14
Sample Depth: 1'

Lab Sample ID: 890-8367-3

Matrix: Solid

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			07/03/25 11:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		07/02/25 13:46	07/03/25 11:37	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		07/02/25 13:46	07/03/25 11:37	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		07/02/25 13:46	07/03/25 11:37	1
Total TPH	<50.1	U	50.1		mg/Kg		07/02/25 13:46	07/03/25 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*07/02/25 13:46*	*07/03/25 11:37*	*1*
o-Terphenyl	*81*		*70 - 130*	*07/02/25 13:46*	*07/03/25 11:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.0**		10.1		mg/Kg			07/03/25 11:03	1

Surrogate Summary

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Job ID: 890-8367-1
SDG: 250039

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-8363-A-1-B MS	Matrix Spike	104	90
890-8363-A-1-C MSD	Matrix Spike Duplicate	107	91
890-8367-1	SS - 21	93	98
890-8367-2	SS - 22	91	93
890-8367-3	SS - 23	101	92
LCS 880-113563/1-A	Lab Control Sample	103	92
LCSD 880-113563/2-A	Lab Control Sample Dup	99	91
MB 880-113563/5-A	Method Blank	97	83

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-8364-A-7-E MS	Matrix Spike	93	86
890-8364-A-7-F MSD	Matrix Spike Duplicate	94	86
890-8367-1	SS - 21	82	84
890-8367-2	SS - 22	79	80
890-8367-3	SS - 23	82	81
LCS 880-113560/2-A	Lab Control Sample	78	76
LCSD 880-113560/3-A	Lab Control Sample Dup	77	75
MB 880-113560/1-A	Method Blank	72	75

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Job ID: 890-8367-1
SDG: 250039

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-113563/5-A
Matrix: Solid
Analysis Batch: 113584

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 113563

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 11:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 11:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 11:48	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/02/25 14:57	07/03/25 11:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/02/25 14:57	07/03/25 11:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/02/25 14:57	07/03/25 11:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/02/25 14:57*	*07/03/25 11:48*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*07/02/25 14:57*	*07/03/25 11:48*	*1*

Lab Sample ID: LCS 880-113563/1-A
Matrix: Solid
Analysis Batch: 113584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 113563

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07693		mg/Kg		77	70 - 130		
Toluene			0.100	0.08116		mg/Kg		81	70 - 130		
Ethylbenzene			0.100	0.09219		mg/Kg		92	70 - 130		
m,p-Xylenes			0.200	0.1905		mg/Kg		95	70 - 130		
o-Xylene			0.100	0.09587		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-113563/2-A
Matrix: Solid
Analysis Batch: 113584

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 113563

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08163		mg/Kg		82	70 - 130	6	35
Toluene			0.100	0.08242		mg/Kg		82	70 - 130	2	35
Ethylbenzene			0.100	0.09286		mg/Kg		93	70 - 130	1	35
m,p-Xylenes			0.200	0.1910		mg/Kg		95	70 - 130	0	35
o-Xylene			0.100	0.09632		mg/Kg		96	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: 890-8363-A-1-B MS
Matrix: Solid
Analysis Batch: 113584

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 113563

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.08475		mg/Kg		85	70 - 130		
Toluene	<0.00200	U	0.100	0.08295		mg/Kg		83	70 - 130		

QC Sample Results

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Job ID: 890-8367-1
SDG: 250039

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-8363-A-1-B MS | **Client Sample ID: Matrix Spike**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 113584 | **Prep Batch: 113563**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08993		mg/Kg		90	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1819		mg/Kg		91	70 - 130
o-Xylene	<0.00200	U	0.100	0.09107		mg/Kg		91	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: 890-8363-A-1-C MSD | **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 113584 | **Prep Batch: 113563**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07882		mg/Kg		79	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.08081		mg/Kg		81	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.08586		mg/Kg		86	70 - 130	5	35
m,p-Xylenes	<0.00400	U	0.200	0.1748		mg/Kg		87	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.08632		mg/Kg		86	70 - 130	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-113560/1-A | **Client Sample ID: Method Blank**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 113604 | **Prep Batch: 113560**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/02/25 13:40	07/03/25 07:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/02/25 13:40	07/03/25 07:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/02/25 13:40	07/03/25 07:57	1
Total TPH	<50.0	U	50.0		mg/Kg		07/02/25 13:40	07/03/25 07:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*07/02/25 13:40*	*07/03/25 07:57*	*1*
o-Terphenyl	*75*		*70 - 130*	*07/02/25 13:40*	*07/03/25 07:57*	*1*

Lab Sample ID: LCS 880-113560/2-A | **Client Sample ID: Lab Control Sample**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 113604 | **Prep Batch: 113560**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1230		mg/Kg		123	70 - 130

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QC Sample Results

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Job ID: 890-8367-1
SDG: 250039

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-113560/2-A
Matrix: Solid
Analysis Batch: 113604

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 113560

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics (Over C10-C28)			1000	1076		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*78*		*70 - 130*
o-Terphenyl	*76*		*70 - 130*

Lab Sample ID: LCSD 880-113560/3-A
Matrix: Solid
Analysis Batch: 113604

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 113560

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1225		mg/Kg		122	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1058		mg/Kg		106	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*77*		*70 - 130*
o-Terphenyl	*75*		*70 - 130*

Lab Sample ID: 890-8364-A-7-E MS
Matrix: Solid
Analysis Batch: 113604

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 113560

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	921.8		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)	90.9		999	869.0		mg/Kg		78	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*93*		*70 - 130*
o-Terphenyl	*86*		*70 - 130*

Lab Sample ID: 890-8364-A-7-F MSD
Matrix: Solid
Analysis Batch: 113604

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 113560

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	939.5		mg/Kg		94	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	90.9		999	879.6		mg/Kg		79	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*86*		*70 - 130*

QC Sample Results

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Job ID: 890-8367-1
SDG: 250039

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-113585/1-A
Matrix: Solid
Analysis Batch: 113586

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			07/03/25 09:32	1

Lab Sample ID: LCS 880-113585/2-A
Matrix: Solid
Analysis Batch: 113586

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	256.1		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-113585/3-A
Matrix: Solid
Analysis Batch: 113586

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	256.6		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-59886-A-12-B MS
Matrix: Solid
Analysis Batch: 113586

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3880	F1	1260	5229		mg/Kg		107	90 - 110		

Lab Sample ID: 880-59886-A-12-C MSD
Matrix: Solid
Analysis Batch: 113586

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3880	F1	1260	5340	F1	mg/Kg		116	90 - 110	2	20

QC Association Summary

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Job ID: 890-8367-1
SDG: 250039

GC VOA

Prep Batch: 113563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8367-1	SS - 21	Total/NA	Solid	5035	
890-8367-2	SS - 22	Total/NA	Solid	5035	
890-8367-3	SS - 23	Total/NA	Solid	5035	
MB 880-113563/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-113563/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-113563/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8363-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
890-8363-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 113584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8367-1	SS - 21	Total/NA	Solid	8021B	113563
890-8367-2	SS - 22	Total/NA	Solid	8021B	113563
890-8367-3	SS - 23	Total/NA	Solid	8021B	113563
MB 880-113563/5-A	Method Blank	Total/NA	Solid	8021B	113563
LCS 880-113563/1-A	Lab Control Sample	Total/NA	Solid	8021B	113563
LCSD 880-113563/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	113563
890-8363-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	113563
890-8363-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	113563

Analysis Batch: 113635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8367-1	SS - 21	Total/NA	Solid	Total BTEX	
890-8367-2	SS - 22	Total/NA	Solid	Total BTEX	
890-8367-3	SS - 23	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 113560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8367-1	SS - 21	Total/NA	Solid	8015NM Prep	
890-8367-2	SS - 22	Total/NA	Solid	8015NM Prep	
890-8367-3	SS - 23	Total/NA	Solid	8015NM Prep	
MB 880-113560/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-113560/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-113560/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8364-A-7-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8364-A-7-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 113604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8367-1	SS - 21	Total/NA	Solid	8015B NM	113560
890-8367-2	SS - 22	Total/NA	Solid	8015B NM	113560
890-8367-3	SS - 23	Total/NA	Solid	8015B NM	113560
MB 880-113560/1-A	Method Blank	Total/NA	Solid	8015B NM	113560
LCS 880-113560/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	113560
LCSD 880-113560/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	113560
890-8364-A-7-E MS	Matrix Spike	Total/NA	Solid	8015B NM	113560
890-8364-A-7-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	113560

QC Association Summary

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Job ID: 890-8367-1
SDG: 250039

GC Semi VOA

Analysis Batch: 113631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8367-1	SS - 21	Total/NA	Solid	8015 NM	
890-8367-2	SS - 22	Total/NA	Solid	8015 NM	
890-8367-3	SS - 23	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 113585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8367-1	SS - 21	Soluble	Solid	DI Leach	
890-8367-2	SS - 22	Soluble	Solid	DI Leach	
890-8367-3	SS - 23	Soluble	Solid	DI Leach	
MB 880-113585/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-113585/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-113585/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-59886-A-12-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-59886-A-12-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 113586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8367-1	SS - 21	Soluble	Solid	300.0	113585
890-8367-2	SS - 22	Soluble	Solid	300.0	113585
890-8367-3	SS - 23	Soluble	Solid	300.0	113585
MB 880-113585/1-A	Method Blank	Soluble	Solid	300.0	113585
LCS 880-113585/2-A	Lab Control Sample	Soluble	Solid	300.0	113585
LCSD 880-113585/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	113585
880-59886-A-12-B MS	Matrix Spike	Soluble	Solid	300.0	113585
880-59886-A-12-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	113585

Lab Chronicle

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Job ID: 890-8367-1
SDG: 250039

Client Sample ID: SS - 21

Date Collected: 07/02/25 13:57
Date Received: 07/02/25 15:14

Lab Sample ID: 890-8367-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	113563	07/03/25 08:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 12:30	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113635	07/03/25 12:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			113631	07/03/25 11:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	113560	07/02/25 13:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113604	07/03/25 11:08	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	113585	07/03/25 08:43	SA	EET MID
Soluble	Analysis	300.0		1			113586	07/03/25 10:51	SMC	EET MID

Client Sample ID: SS - 22

Date Collected: 07/02/25 14:06
Date Received: 07/02/25 15:14

Lab Sample ID: 890-8367-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	113563	07/03/25 08:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 12:50	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113635	07/03/25 12:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			113631	07/03/25 11:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	113560	07/02/25 13:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113604	07/03/25 11:22	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	113585	07/03/25 08:43	SA	EET MID
Soluble	Analysis	300.0		1			113586	07/03/25 10:57	SMC	EET MID

Client Sample ID: SS - 23

Date Collected: 07/02/25 14:13
Date Received: 07/02/25 15:14

Lab Sample ID: 890-8367-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	113563	07/03/25 08:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113584	07/03/25 13:11	EL	EET MID
Total/NA	Analysis	Total BTEX		1			113635	07/03/25 13:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			113631	07/03/25 11:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	113560	07/02/25 13:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113604	07/03/25 11:37	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	113585	07/03/25 08:43	SA	EET MID
Soluble	Analysis	300.0		1			113586	07/03/25 11:03	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: KJ Environmental & Civil Engineering
Job ID: 890-8367-1
Project/Site: ANTHILL RECLAMATION
SDG: 250039

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Job ID: 890-8367-1
SDG: 250039

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: KJ Environmental & Civil Engineering
Project/Site: ANTHILL RECLAMATION

Job ID: 890-8367-1
SDG: 250039

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8367-1	SS - 21	Solid	07/02/25 13:57	07/02/25 15:14	1'
890-8367-2	SS - 22	Solid	07/02/25 14:06	07/02/25 15:14	1'
890-8367-3	SS - 23	Solid	07/02/25 14:13	07/02/25 15:14	1'

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page _____ of _____

Project Manager:		Bill to: (if different)	Accounts Payable
Company Name:	KJ Environmental	Company Name:	-
Address:	500 Moseley Road	Address:	-
City, State ZIP:	Cross Roads, Tx 76227	City, State ZIP:	-
Phone:	940-387-0805	Email:	tools@kje-us.com, cpaz@kje-us.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Anthill Reclamation	Turn Around	
Project Number:	250039	☐ Routine ☒ Rush	
Project Location:	Artesia, NM	Due Date:	7/7/25
Sampler's Name:	Cesar Paz	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Samples Received Intact:	Yes No	Thermometer ID:	TAMCC
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	5.2
Total Containers:		Corrected Temperature:	5.0

ANALYSIS REQUEST

890-8367 Chain of Custody

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride	BTEX	NM DRO/GRO 8015	Sample Comments
SS-21	SS	7-2-25	1357	1'	Grab	1		X	XX	XX	
SS-22	SS	7-2-25	1406	1'	1	1		X	XX	XX	
SS-23	SS	7-2-25	1413	1'	1	1		X	XX	X	

Parameters

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		7/2 15:14	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-5344.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Louisiana; NELAP - Texas		Job #: 890-8367-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 7/7/2025			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ANTHILL RECLAMATION	Project #: 89000044			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:
-

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_Calc/BTEX - LL	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SS - 21 (890-8367-1)	7/2/25	13:57 Mountain	G	Solid			X	X	X	X	X	1	
SS - 22 (890-8367-2)	7/2/25	14:06 Mountain	G	Solid			X	X	X	X	X	1	
SS - 23 (890-8367-3)	7/2/25	14:13 Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		7/2 1630				
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 7/3/25 800	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.5/2.4 -.1 IR8

Ver: 10/10/2024

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-5343.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Louisiana; NELAP - Texas		Job #: 890-8364-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 7/9/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: LEA COUNTY STATION	Project #: 88002468			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcMid - BTEX	Total_BTEX_GCV	8015MOD_NM/8015NM_S_PrepFull TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
FS 19 (890-8364-19)	6/30/25	11:14 Central	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:	Date/Time: 7/2 1630	Company	Received by:		Date/Time:		Company
Relinquished by:	Date/Time:	Company	Received by:		Date/Time: 7/3/25 800		Company
Relinquished by:	Date/Time:	Company	Received by:		Date/Time:		Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:
	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-5343.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Louisiana; NELAP - Texas		Job #: 890-8364-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 7/9/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: LEA COUNTY STATION	Project #: 88002468			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_Calc/Std - BTEX	Total_BTEX_GCV	8015MOD_NM/8015M_S_PrepFull TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACH/Chloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
FS 10 (890-8364-10)	6/30/25	11:15 Central	G	Solid			X	X	X	X	X	1	
FS 11 (890-8364-11)	6/30/25	11:01 Central	G	Solid			X	X	X	X	X	1	
FS 12 (890-8364-12)	6/30/25	11:02 Central	G	Solid			X	X	X	X	X	1	
FS 13 (890-8364-13)	6/30/25	11:03 Central	G	Solid			X	X	X	X	X	1	
FS 14 (890-8364-14)	6/30/25	11:05 Central	G	Solid			X	X	X	X	X	1	
FS 15 (890-8364-15)	6/30/25	11:09 Central	G	Solid			X	X	X	X	X	1	
FS 16 (890-8364-16)	6/30/25	11:10 Central	G	Solid			X	X	X	X	X	1	
FS 17 (890-8364-17)	6/30/25	11:12 Central	G	Solid			X	X	X	X	X	1	
FS 18 (890-8364-18)	6/30/25	11:13 Central	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 7/3/25 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: KJ Environmental & Civil Engineering

Job Number: 890-8367-1
SDG Number: 250039

Login Number: 8367
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: KJ Environmental & Civil Engineering

Job Number: 890-8367-1
SDG Number: 250039

Login Number: 8367
List Number: 2
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		

Login Sample Receipt Checklist

Client: KJ Environmental & Civil Engineering

Job Number: 890-8367-1
SDG Number: 250039

Login Number: 8367
List Number: 3
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 07/03/25 08:18 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Travis Oaks
KJ Environmental & Civil Engineering
500 Moseley
Cross Roads, Texas 76227

Generated 8/21/2025 2:03:13 PM

JOB DESCRIPTION

Anthill

JOB NUMBER

890-8645-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

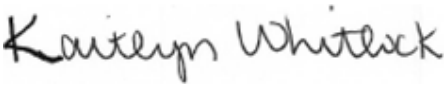
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
8/21/2025 2:03:13 PM

Authorized for release by
Kaitlyn Whitlock, Project Manager
Kaitlyn.Whitlock@et.eurofinsus.com
(214)902-0300

Client: KJ Environmental & Civil Engineering
Project/Site: Anthill

Laboratory Job ID: 890-8645-1

Table of Contents

Definitions/Glossary

Client: KJ Environmental & Civil Engineering
Project/Site: Anthill

Job ID: 890-8645-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: KJ Environmental & Civil Engineering Job ID: 890-8645-1
Project: Anthill

Job ID: 890-8645-1 Eurofins Carlsbad

Job Narrative
890-8645-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/18/2025 5:19 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.4°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: KJ Environmental & Civil Engineering
Project/Site: Anthill

Job ID: 890-8645-1

Client Sample ID: SS-16
Lab Sample ID: 890-8645-1
Date Collected: 08/18/25 16:07
Matrix: Solid
Date Received: 08/18/25 17:19

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.6		10.1		mg/Kg			08/20/25 13:03	1

Client Sample ID: SS-17
Lab Sample ID: 890-8645-2
Date Collected: 08/18/25 16:11
Matrix: Solid
Date Received: 08/18/25 17:19

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	283		10.1		mg/Kg			08/20/25 13:26	1

Client Sample ID: SS-18
Lab Sample ID: 890-8645-3
Date Collected: 08/18/25 16:16
Matrix: Solid
Date Received: 08/18/25 17:19

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.1		10.0		mg/Kg			08/20/25 13:34	1

QC Sample Results

Client: KJ Environmental & Civil Engineering
Project/Site: Anthill

Job ID: 890-8645-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-117097/1-A
Matrix: Solid
Analysis Batch: 117113

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/20/25 12:40	1

Lab Sample ID: LCS 880-117097/2-A
Matrix: Solid
Analysis Batch: 117113

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	247.7		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-117097/3-A
Matrix: Solid
Analysis Batch: 117113

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	236.6		mg/Kg		95	90 - 110	5	20

Lab Sample ID: 890-8645-1 MS
Matrix: Solid
Analysis Batch: 117113

Client Sample ID: SS-16
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	14.6		252	276.6		mg/Kg		104	90 - 110		

Lab Sample ID: 890-8645-1 MSD
Matrix: Solid
Analysis Batch: 117113

Client Sample ID: SS-16
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14.6		252	267.1		mg/Kg		100	90 - 110	3	20

QC Association Summary

Client: KJ Environmental & Civil Engineering Job ID: 890-8645-1
Project/Site: Anthill

HPLC/IC

Leach Batch: 117097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8645-1	SS-16	Soluble	Solid	DI Leach	
890-8645-2	SS-17	Soluble	Solid	DI Leach	
890-8645-3	SS-18	Soluble	Solid	DI Leach	
MB 880-117097/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117097/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117097/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8645-1 MS	SS-16	Soluble	Solid	DI Leach	
890-8645-1 MSD	SS-16	Soluble	Solid	DI Leach	

Analysis Batch: 117113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8645-1	SS-16	Soluble	Solid	300.0	117097
890-8645-2	SS-17	Soluble	Solid	300.0	117097
890-8645-3	SS-18	Soluble	Solid	300.0	117097
MB 880-117097/1-A	Method Blank	Soluble	Solid	300.0	117097
LCS 880-117097/2-A	Lab Control Sample	Soluble	Solid	300.0	117097
LCSD 880-117097/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117097
890-8645-1 MS	SS-16	Soluble	Solid	300.0	117097
890-8645-1 MSD	SS-16	Soluble	Solid	300.0	117097

Lab Chronicle

Client: KJ Environmental & Civil Engineering
Job ID: 890-8645-1
Project/Site: Anthill

Client Sample ID: SS-16
Lab Sample ID: 890-8645-1
Date Collected: 08/18/25 16:07
Matrix: Solid
Date Received: 08/18/25 17:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	117097	08/20/25 08:33	SA	EET MID
Soluble	Analysis	300.0		1			117113	08/20/25 13:03	SMC	EET MID

Client Sample ID: SS-17
Lab Sample ID: 890-8645-2
Date Collected: 08/18/25 16:11
Matrix: Solid
Date Received: 08/18/25 17:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	117097	08/20/25 08:33	SA	EET MID
Soluble	Analysis	300.0		1			117113	08/20/25 13:26	SMC	EET MID

Client Sample ID: SS-18
Lab Sample ID: 890-8645-3
Date Collected: 08/18/25 16:16
Matrix: Solid
Date Received: 08/18/25 17:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	117097	08/20/25 08:33	SA	EET MID
Soluble	Analysis	300.0		1			117113	08/20/25 13:34	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: KJ Environmental & Civil Engineering
Job ID: 890-8645-1
Project/Site: Anthill

Laboratory: Eurofins Midland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

Method Summary

Client: KJ Environmental & Civil Engineering
Project/Site: Anthill

Job ID: 890-8645-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: KJ Environmental & Civil Engineering
Project/Site: Anthill

Job ID: 890-8645-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8645-1	SS-16	Solid	08/18/25 16:07	08/18/25 17:19	New Mexico
890-8645-2	SS-17	Solid	08/18/25 16:11	08/18/25 17:19	New Mexico
890-8645-3	SS-18	Solid	08/18/25 16:16	08/18/25 17:19	New Mexico

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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890-8645 Chain of Custody

Client Information			
Client Contact: Travis Oaks	Sampler: TE	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):
	Phone:	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:
Company: KJ Environmental & Civil Engineering	PWSID:		
Address: 500 Moseley	Due Date Requested: 8/21/2025		
City: Cross Roads	TAT Requested (days): 3 Day TAT		
State, Zip: TX, 76227	Compliance Project: Δ Yes Δ No		
Phone: 310-402-8766(Tel)	PO #: Purchase Order not required		
Email: toaks@kje-us.com	WO #:		
Project Name: 250039	Project #: 89000245		
Site: Anthill	SSOW#:		

Analysis Requested

Preservation Codes:
N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B - BTEX	8015MOD_NM - Full TPH	300_ORGFM_28D - Chloride	Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N		
SS-16	8/18/25	16:07	G	Solid					X		
~~[illegible]~~ SS-17	8/18/25	16:11	G	Solid					X		
SS-18	8/18/25	~~[illegible]~~ 16:16	G	Solid					X		
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							

TE

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ________ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	8/18/2025 17:19	KJE	[signature]	8/18 1721	

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: TNM007 -0.2 -1.6 -1.4

Ver: 10/10/2024

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 890-5716.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): N/A		Job #: 890-8645-1
Address: 1211 W. Florida Ave,	Due Date Requested: 8/21/2025			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ANTHILL	Project #: 89000245			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH/Chloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SS-16 (890-8645-1)	8/18/25	16:07 Mountain	G	Solid			X	1	
SS-17 (890-8645-2)	8/18/25	16:11 Mountain	G	Solid			X	1	
SS-18 (890-8645-3)	8/18/25	16.16 Mountain	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification Unconfirmed	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by:	Date/Time: 8/20 10	Company	Received by: Teddy Rodella	Date/Time: 8/20/25 1000	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.2/3.1 °C IR-8 (-0.1)

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: KJ Environmental & Civil Engineering

Job Number: 890-8645-1
SDG Number:

Login Number: 8645
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: KJ Environmental & Civil Engineering

Job Number: 890-8645-1
SDG Number:

Login Number: 8645
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 08/20/25 02:17 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

APPENDIX C – LABORATORY ANALYTICAL DATA

Table 1: Soil Analytical Data
Pilot Water Solutions - Ant Hill Facility
Latitude/Longitude: 32.59891, -104.04984
Eddy County, New Mexico, nAPP2412243417

Laboratory Sample Designation		Units	NMAC 19.15.29.12 Table 1 Closure Criteria	890-8586-1	890-8586-2	890-8586-3	890-8586-4	890-8586-5	890-8586-6	890-8586-7	890-8586-8	890-8586-10	890-8586-11	890-8586-12
Sample Designation				SS-01	SS-02	SS-03	SS-04	SS-05	SS-06	SS-07	SS-08	SS-09	SS-10	SS-11
Date Collected				8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025
Sample Depth				2'	2'	2'	2'	2'	2'	2'	2'	2'	2'	2'
Method	Analyte													
8015M	TPH C6-C12	mg/kg	**100**	<50.0	<50.0	<50.0	<50.0	<50.0	<49.8	<49.9	<50.0	<49.9	<50.0	<49.8
	TPH C12-C28	mg/kg	**100**	<50.0	<50.0	<50.0	<50.0	<50.0	<49.8	<49.9	<50.0	<49.9	<50.0	<49.8
	TPH C28-35	mg/kg	**100**	<50.0	<50.0	<50.0	<50.0	<50.0	<49.8	<49.9	<50.0	<49.9	<50.0	<49.8
	TPH C6-C35	mg/kg	**100**	<50.0	<50.0	<50.0	<50.0	<50.0	<49.8	<49.9	<50.0	<49.9	<50.0	<49.8
8021B	BENZENE	mg/kg	**10**	<0.00200	<0.00201	<0.00202	<0.00199	<0.00198	<0.00200	<0.00202	<0.00199	<0.00198	<0.00199	<0.00202
	TOLUENE	mg/kg	**50**	<0.00200	<0.00201	<0.00202	<0.00199	<0.00198	<0.00200	<0.00202	<0.00199	<0.00198	<0.00199	<0.00202
	ETHYLBENZENE	mg/kg	**50**	<0.00200	<0.00201	<0.00202	<0.00199	<0.00198	<0.00200	<0.00202	<0.00199	<0.00198	<0.00199	<0.00202
	XYLENES	mg/kg	**50**	<0.00399	<0.00402	<0.00404	<0.00398	<0.00396	<0.00400	<0.00404	<0.00398	<0.00397	<0.00398	<0.00404
300	CHLORIDE	mg/kg	**600**	**247**	**14.4**	**269**	**31.6**	**866**	**1710**	**294**	**19**	**275**	**280**	**141**

Notes:
1) New Mexico Administrative Code (NMAC) 19.15.29 Table 1 Closure Criteria for Soils Impacted by a Release
2) TPH = Total petroleum hydrocarbons
3) BTEX = Benzene, toluene, ethylbenzene, and xylenes
4) Soil samples were collected for informational purposes and were collected utilizing hand trowels.
Bold = Analyte was detected at concentrations above laboratory sample detection limits
Highlighted = Analyte was detected at concentrations above NMAC Table 1 Closure Criteria
"--" = Not applicable

Table 1: Soil Analytical Data
Pilot Water Solutions - Ant Hill Facility
Latitude/Longitude: 32.59891, -104.04984
Eddy County, New Mexico, nAPP2412243417

Laboratory Sample Designation		Units	NMAC 19.15.29.12 Table 1 Closure Criteria	890-8586-13	890-8586-14	890-8586-15	890-8586-16	890-8586-17	890-8645-1	890-8645-2	890-8645-3
Sample Designation				SS-12	SS-13	SS-14	SS-15	BS-01	SS-16	SS-17	SS-18
Date Collected				8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/7/2025	8/18/2025	8/18/2025	8/18/2025
Sample Depth				2'	2'	2'	2'	2'	4'	4'	4'
Method	Analyte										
8015M	TPH C6-C12	mg/kg	**100**	<50.0	<50.0	<49.8	<50.0	<50.0	--	--	--
	TPH C12-C28	mg/kg	**100**	<50.0	<50.0	<49.8	<50.0	<50.0	--	--	--
	TPH C28-35	mg/kg	**100**	<50.0	<50.0	<49.8	<50.0	<50.0	--	--	--
	TPH C6-C35	mg/kg	**100**	<50.0	<50.0	<49.8	<50.0	<50.0	--	--	--
8021B	BENZENE	mg/kg	**10**	<0.00202	<0.00199	<0.00200	<0.00200	<0.00200	--	--	--
	TOLUENE	mg/kg	**50**	<0.00202	<0.00199	<0.00200	<0.00200	<0.00200	--	--	--
	ETHYLBENZENE	mg/kg	**50**	<0.00202	<0.00199	<0.00200	<0.00200	<0.00200	--	--	--
	XYLENES	mg/kg	**50**	<0.00403	<0.00398	<0.00399	<0.00400	<0.00400	--	--	--
300	CHLORIDE	mg/kg	**600**	**156**	**38.3**	**741**	**331**	<9.90	**14.6**	**283**	**37.1**

Notes:
1) New Mexico Administrative Code (NMAC) 19.15.29 Table 1 Closure Criteria for Soils Impacted by a Release
2) TPH = Total petroleum hydrocarbons
3) BTEX = Benzene, toluene, ethylbenzene, and xylenes
4) Soil samples were collected for informational purposes and were collected utilizing hand trowels.
Bold = Analyte was detected at concentrations above laboratory sample detection limits
Highlighted = Analyte was detected at concentrations above NMAC Table 1 Closure Criteria
"--" = Not applicable

APPENDIX D – SITE PHOTOGRAPHS

Photo #1: View of Anthill Site.

Photo #2: View of the excavated pit from the northwestern corner of the pit.

Photo #3: View of excavated pit from the northern side of the pit.

Photo #4: View of the excavation area.

Photo #5: View of exvavation activities.

Photo #6: View of excavation area.

Site Characterization & Activities Ant Hill Facility Latitude/Longitude: 32.59891, -104.04984 Artesia, Eddy County, New Mexico 88210	**Site Photographs**	KJE

Photo #7: View of excavation on western and northern side.

Photo #8: View of further excavation in center of pit.

Site Characterization & Activities Ant Hill Facility Latitude/Longitude: 32.59891, -104.04984 Artesia, Eddy County, New Mexico 88210	**Site Photographs**	KJE

Volume Calculations for OWL SWD Operating, LLC. – Anthill SWD #005, API# 30-015-41691, Latitude/Longitude: 32.59891, -104.04984, Quarter SW, Section 02, Township 20S 29E, Eddy County, New Mexico - nAPP2412243417

The facility contained four (4) saltwater storage ASTs which had approximately 38.25 BBLs each of crude oil and/or produced water.

Approximately 153 BBLs was released from static discharge lightning strike fire.

153 * 5.6145833333333 = 859.0312 ft^3 **low estimate**

Approximate tank battery size = 6,700 ft^2 * 4ft = 26,800 ft^3 **high estimate**

Between 859 and 26,800 ft^3 of soil to be remediated.

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

QUESTIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 505752
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2412243417**
Incident Name	**NAPP2412243417 ANTHILL SWD 005 @ 30-015-41691**
Incident Type	**Fire**
Incident Status	**Remediation Plan Received**
Incident Well	**[30-015-41691] ANTHILL STATE SWD #005**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Anthill SWD 005
Date Release Discovered	07/25/2022
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
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: Fire | Production Tank | Crude Oil | Released: 153 BBL | Recovered: 0 BBL | Lost: 153 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	At approximately 7:10PM on July 25, 2022 the Anthill SWD caught on fire, due to static electricity ignition source (lighting strike). the facility/SWD burnt to the ground besides one sting oil tank. All oil was consumed in the fire.

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QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 505752
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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;** **(2) an unauthorized release of a volume that:** **(a) results in a fire or is the result of a fire.**
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: Travis Oaks Title: VP Environmental Email: toaks@kje-us.com Date: 09/16/2025

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QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 505752
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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)	Between 100 and 500 (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 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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	Yes
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.	
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)	1710
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0.5
GRO+DRO (EPA SW-846 Method 8015M)	0.5
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
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.	
On what estimated date will the remediation commence	09/30/2025
On what date will (or did) the final sampling or liner inspection occur	08/18/2025
On what date will (or was) the remediation complete(d)	08/29/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	13400
What is the estimated volume (in cubic yards) that will be remediated	26800
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.	
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.	

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QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 505752
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
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.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(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	fEEM0112340644 R360 ARTESIA LLC LANDFARM
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	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
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 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: Travis Oaks Title: VP Environmental Email: toaks@kje-us.com Date: 09/16/2025
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.	

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QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 505752
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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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QUESTIONS (continued)

Operator:	OGRID:
OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	308339
	Action Number: 505752
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**496309**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**08/19/2025**
What was the (estimated) number of samples that were to be gathered	**3**
What was the sampling surface area in square feet	**400**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 505752
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. The responsible party must deliver all material removed from the site to a division-approved disposal facility per 19.15.29.8.C(3). All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed	9/24/2025