

SITE REMEDIATION AND CLOSURE REPORT

DAYTON RECYCLE LAYFLAT LINE 32.7100048, -104.344324 UNIT A, SECTION 35 T18S-R26E **EDDY COUNTY, NEW MEXICO** NMOCD INCIDENT ID # nAPP2326254488

PREPARED FOR:

SILVERBACK OPERATING **108 S 4TH STREET ARTESIA, NEW MEXICO 88210**

PREPARED BY:

RANGER ENVIRONMENTAL SERVICES, LLC P.O. BOX 201179 **AUSTIN, TEXAS 78720**

APRIL 5, 2024

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- Attachment 2 Laboratory Analytical Reports
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SITE REMEDIATION AND CLOSURE REPORT DAYTON RECYCLE LAYFLAT LINE 32.710048 -104.344324 EDDY COUNTY, NEW MEXICO NMOCD INCIDENT ID #nAPP2326254488

1.0 SITE LOCATION AND BACKGROUND

The Dayton Recycle Layflat Line (Site) is located on private property, approximately 9.6 miles south-southeast of Artesia, within Eddy County, New Mexico. The Site is situated in Unit A, Section 35, T18S-R26E at GPS coordinates 32.710048, -104.344324.

On September 16, 2023, a release was discovered along the Dayton Recycle Layflat Line which is operated by Silverback Operating II, LLC (Silverback). A failure of the aboveground line resulted in the release of an unknown volume of produced water. Upon discovery of the release, immediate action was taken to stop the release of fluids and a vacuum truck was dispatched to the Site and recovered approximately 230 barrels (bbls) of released fluids.

During the initial response, representatives of Silverback documented the extent of the area observed to have been impacted by the release. Due to the unknown volume and nature of the release, the incident was reported to the New Mexico Oil Conservation Division (NMOCD) (NMOCD Incident # nAPP2326254488) on September 16, 2023.

On October 4 and 5, 2023, representatives of Silverback conducted assessment activities to determine the extent and depth of impacts associated with the release incident. The site assessment activities included the installation of excavation test holes and hand auger borings and the collection of soil samples for laboratory analysis. The results of the site assessment activities were summarized in Ranger's November 28, 2023 *Site Characterization, Assessment, and Proposed Remediation Plan* (Remediation Plan). In addition to summarizing the results of the site assessment activities, the report also provided site characterization details and a proposed remediation plan to address the impacts at the Site. On January 31, 2024, the NMOCD approved the Remediation Plan with conditions of approval including the approval of the proposed confirmation sample analysis, an alternative sampling frequency, and the request for additional vertical delineation sampling.

Based upon the NMOCD approval of the Remediation Plan, soil removal operations have been completed at the Site. The following *Site Remediation and Closure Report* has been prepared in order to document the completion of the soil remediation and cleanup confirmation sampling activities completed at the Site.

A Topographic Map and Area Map noting the location of the subject Site and surrounding areas are attached. Additionally, Site maps illustrating the Site features and sampling locations are also attached.

2.0 SITE REMEDIATION

2.1 Closure Criteria

Based upon Site characterization details¹ provided in the November 28, 2023 Remediation Plan and the subsequent NMOCD approval of the Remediation Plan, the Site was remediated to the Table 1 19.15.29.12 NMAC (groundwater 51'-100' feet) criteria (Approved Table 1 Criteria). Additionally, the remediation activities were completed to bring the surface to four-foot depth interval into compliance with the Restoration, Reclamation and Re-Vegetation criteria (Reclamation Criteria) detailed in 19.15.29.13 NMAC. The approved site closure criteria are detailed below:

SITE CLOSURE CRITERIA

REGULATORY STANDARD	CHLORIDE	TPH (GRO+DRO +MRO)	TPH (GRO+DRO)	втех	BENZENE
19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW 51'-100')	10,000	2,500	1,000	50	10
19.15.29.13 NMAC Restoration, Reclamation and Re-Vegetation (Soils 0'-4')	600	100²		50 ²	10²

All Values Presented in Parts Per Million (mg/Kg)

2.2 Site Characterization Review

Below is a summary of the Site Characterization details for the Site:

- What is the shallowest depth to groundwater beneath the area affected by the release (ft bgs): 52.51 feet below ground surface.
- What Method was used to determine the depth to groundwater: Gauging of a private water well by Ranger personnel on September 27, 2023.
- Did this Release Impact groundwater or surface water: No
- What is the minimum distance, between the closest lateral extents of the release and following areas:
 - A continuously flowing watercourse or any other significant watercourse: Between ½ and 1 (mi.)
 - Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark): Greater than 5 (mi.)
 - An occupied permanent residence, school, hospital, institution, or church: Between 1,000 (ft) and ½ (mi)

^{1.} Full site characterization details are included in the Site Characterization, Assessment, and Proposed Remediation Plan, dated November 28, 2023. A review of the site characterization details is included below.

Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of Digital C-141 and the release rule (19.15.29 NMAC) dated December 1, 2023.

- A spring or private domestic water well used by less than five household for domestic or stock watering purposes: Between 1,000 (ft) and ½ (mi.)
- Any other fresh water well or spring: Between 1,000 (ft) and ½ (mi.)
- Incorporated municipal boundaries or a defined municipal fresh water field:
 Greater than 5 (mi.)
- A wetland: Between ½ and 1 (mi.)
- A subsurface Mine: Greater than 5 (mi.)
- An (non-karst) unstable area: Between 1 and 5 (mi.)
- Categorize the risk of this well / site being in a karst geology: Medium
- A 100-year floodplain: Between 1,000 (ft) and ½ (mi.)
- Did the release impact areas not on an exploration, development, production, or storage site: Yes

2.3 <u>Impacted Soil Removal and Confirmation Sampling</u>

In order to address the impacts of the release, soil removal operations were completed at the Site from January 2024 through February 2024. During the excavation process, representatives of Silverback conducted periodic assessment of the excavated areas utilizing an organic vapor monitor (OVM) and field chloride titration kit to assist in guiding the excavation to appropriate boundaries. Upon completion, the excavated area had maximum dimensions of approximately 1,187 feet by 240 feet and was completed to a depth of approximately four feet bgs. To confirm the excavation had been completed to appropriate boundaries, cleanup confirmation soil samples were collected in accordance with the methods approved by the NMOCD in the Remediation Plan and subsequent January 31, 2024 correspondence.

Confirmation soil samples were collected as five-part composite samples with each sample representing no more than 400 square feet. The samples were collected from various locations and depths from the excavation side walls, and from areas within the excavation base. Upon collection, the composite sample parts were placed into new Ziploc® bags, thoroughly mixed, and samples for laboratory analysis were collected from the mixture.

Upon collection, the cleanup confirmation soil samples were submitted to Cardinal Laboratories in Hobbs, New Mexico for analysis of total chloride using SM 4500. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

Upon review of the laboratory analytical results, all soil samples collected from the excavation side walls were documented to have chloride concentrations within the applicable Reclamation Criteria. Additionally, all samples collected from the excavation base areas were documented to have chloride concentrations below the Approved Table 1 Criteria.

Multiple site maps depicting the excavation extent area and final confirmation sample locations are attached.

2.4 Additional Vertical Delineation

The January 31, 2024 NMOCD approval of the Remediation Plan for the site included a condition of approval requesting that additional vertical delineation activities be completed at two sample locations (TP23-04 and TP23-5) during the initial assessment at the Site in October 2023.

On February 22, 2024, Ranger personnel and representatives for Silverback completed additional vertical delineation assessment activities at the two NMOCD requested locations. Utilizing earth moving equipment, excavation test holes were completed in the immediate area of sample locations TP23-04 and TP23-05. During the excavation test hole installation process, Ranger personnel conducted field screening of the generated soils using an organic vapor monitor (OVM) and a field chloride titration kit to assist in evaluating the soil conditions and/or presence of impacts in the area. Based on the observed field readings, the additional assessment at the TP23-04 location was completed to a depth of approximately eight feet bgs and the assessment at the TP23-05 location was completed to a depth of approximately 10 feet bgs. To confirm the vertical extent of impacts, soil samples for laboratory analysis were collected from each additional vertical delineation assessment location.

Upon collection, the vertical delineation samples were submitted to Cardinal Laboratories in Hobbs, New Mexico for analysis of total petroleum hydrocarbons (TPH) using EPA Method 8015; benzene, toluene, ethylbenzene, and xylenes (BTEX) using EPA Method 8021; and total chloride using SM 4500. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

Upon review of the laboratory analytical results for the vertical delineation samples collected on February 22, 2024, all four samples were documented to have BTEX and TPH concentrations below the laboratory detection limit for those respective constituents. The chloride analytical results for the samples collected at the TP23-05 location documented that chloride concentrations were within the target delineation chloride criteria of 600 mg/Kg at depths of six and 10 feet bgs. However, the vertical delineation samples collected at the TP23-04 location, at a depth of six and eight feet bgs, were documented to have chloride concentrations that exceeded the target chloride criteria of 600 mg/Kg.

In order to complete the required vertical delineation of chloride impacts in the TP23-04 area, Ranger personnel and representatives for Silverback returned to the Site on March 15, 2024, to complete additional assessment activities. Utilizing a hand auger, a soil boring was completed in the immediate area of test excavation TP23-04. During the soil boring installation process, Ranger personnel conducted field screening of the generated soils using an OVM and a field chloride titration kit to assist in evaluating the soil conditions and/or presence of impacts in the area. Based on the observed field readings, the hand auger boring at the TP23-04 location was completed to a depth of approximately 12 feet bgs. To confirm the vertical extent of impacts, two soil samples were collected for laboratory analysis from a depth of approximately 10 and 12 feet bgs.

Upon collection, the samples were submitted to cardinal laboratories in Hobbs, New Mexico for analysis of TPH using EPA Method 8015; BTEX using EPA Method 8021; and total chloride using SM 4500. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

Upon review of the laboratory analytical results for the samples collected on March 15, 2024, both samples were documented to have BTEX and TPH concentrations below the laboratory detection

limit for those respective constituents. The laboratory chloride results for the samples collected at the TP23-04 also documented that chloride concentrations were below the target delineation chloride criteria of 600 mg/Kg at depths of 10 and 12 feet bgs.

2.5 Final Sample Results

Upon review of the final cleanup confirmation sample results, all areas have been documented to be below the Restoration, Reclamation and Re-Vegetation criteria detailed in NMAC 19.15.29.13 and/or the NMAC 19.15.9.12 Table 1 (DTGW >100') criteria. A comprehensive sample results table summarizing the laboratory analytical results for all of the cleanup confirmation soil samples collected during the remediation process is attached. Copies of the laboratory analytical reports including chain-of-custody documentation are also attached.

The laboratory analytical results for the additional vertical delineation sampling were successful in delineating the chloride concentrations to below 600 mg/Kg at both the NMOCD requested TP23-04 and TP23-05 locations. Additionally, all samples collected form the two locations were documented to have TPH and BTEX concentrations below the laboratory detection limits for the respective constituents.

Throughout the remedial process, the NMOCD was notified in accordance with NMAC 19.15.29.12 prior to the performance of the cleanup confirmation sampling events. Copies of the notifications are attached.

2.6 Waste Disposal

All soils generated during the remedial excavation activities were transported and disposed of at NMOCD approved disposal facilities.

3.0 SITE CLOSURE

3.1 <u>Site Backfill and Revegetation</u>

Based on the soil sample laboratory results, the excavated areas will be backfilled with clean fill material in accordance with NMAC 19.15.29.12 and NMAC 19.15.29.13.

Upon completion of the site backfill activities, the areas will be re-seeded with an appropriate seed mixture. A copy of the seed mixture is attached.

3.2 Closure Request

Based on the site assessment activities and results of the cleanup confirmation soil samples, the site has been properly addressed pursuant to NMAC 19.15.29 and Silverback respectfully requests closure of the incident.

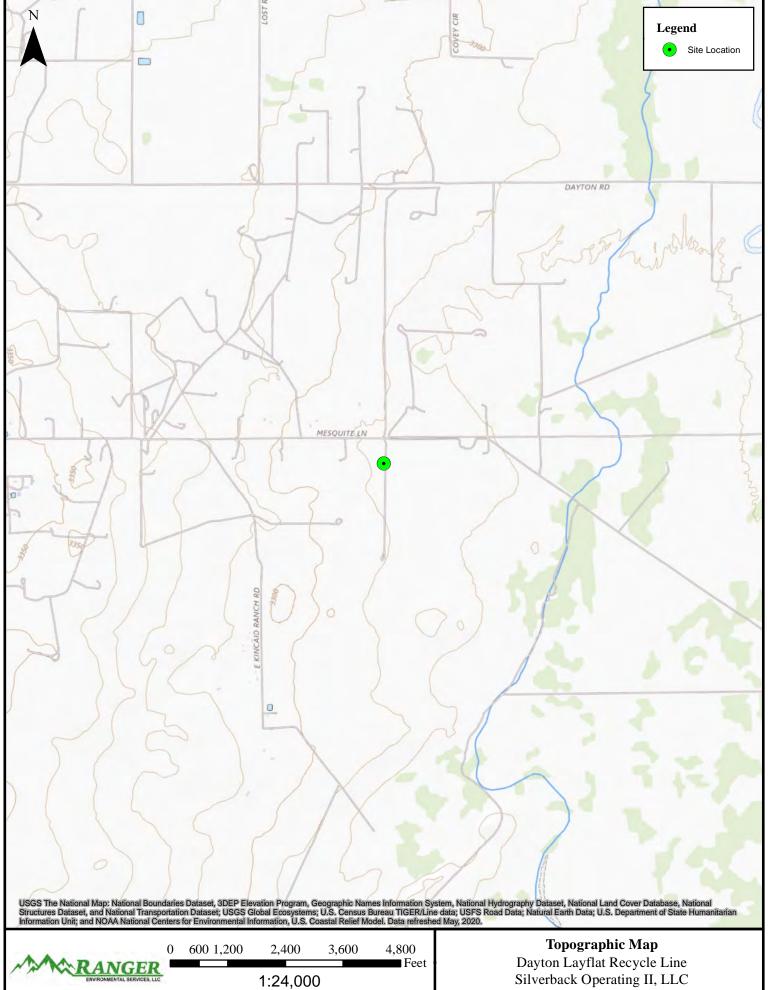
Below is a summary of closure C-141 information:

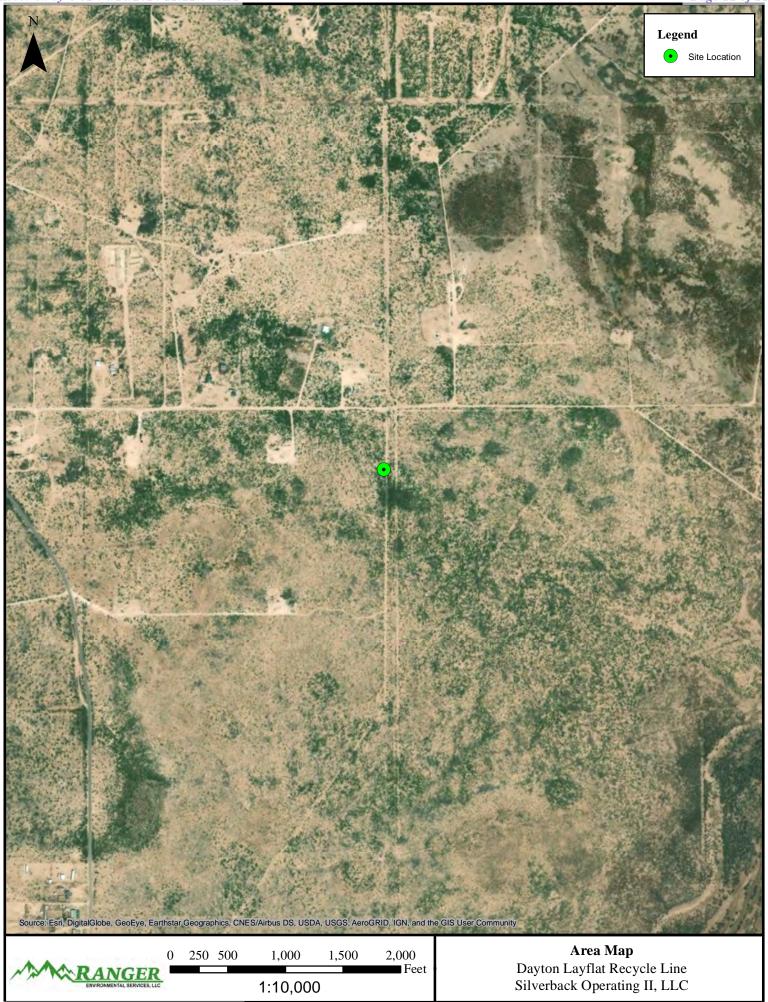
- Requesting a remediation closure approval with this submission: Yes
- Have the lateral and vertical extent of contamination been fully delineated: Yes
- Was the release entirely contained within a lined area: Yes
- What was the total surface area (in square feet) remediated: 62,594 (square feet)

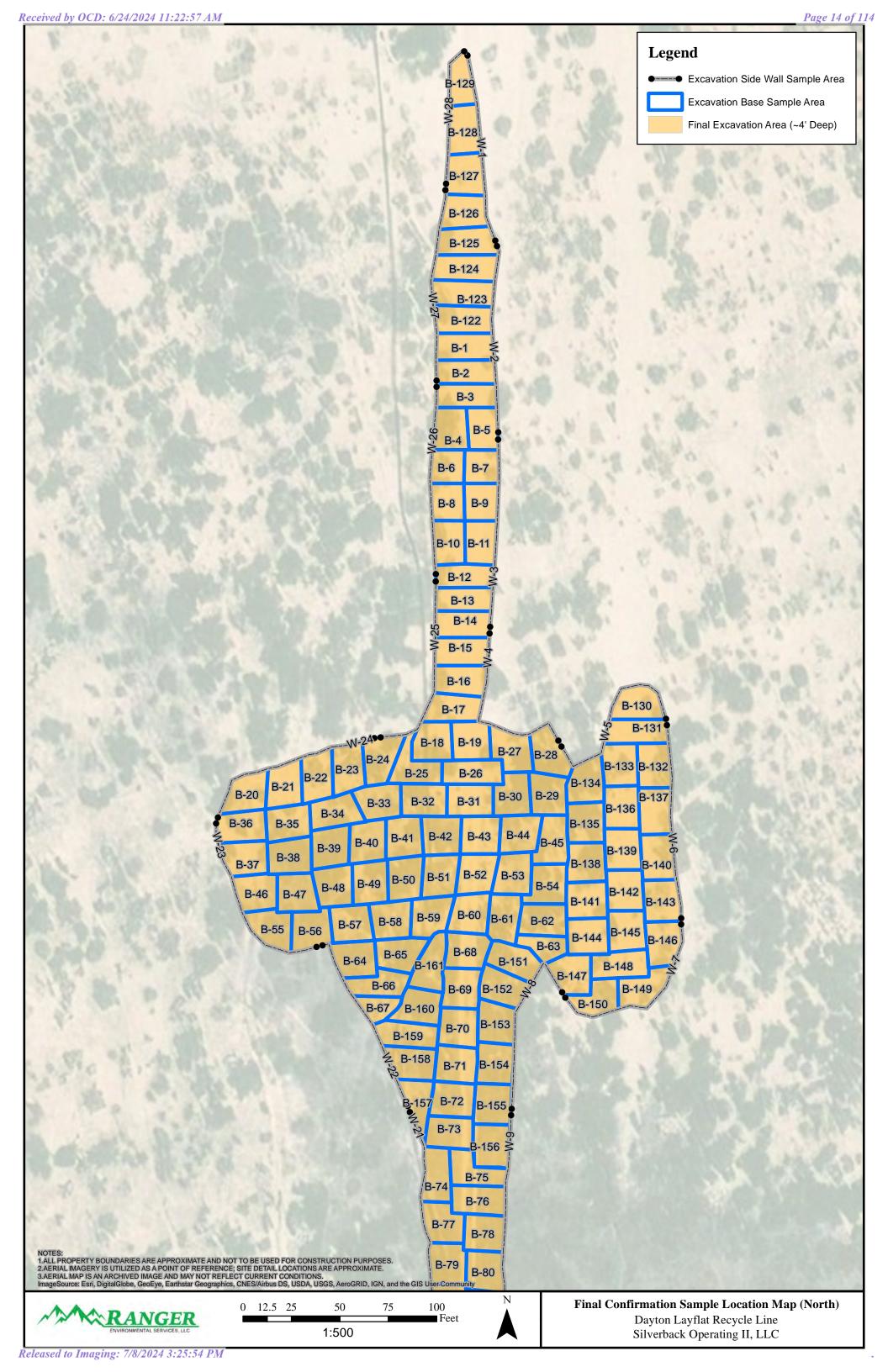
- What was the total volume (cubic yards) remediated: 9,936 (cubic yards)
- All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/Kg chlorides, 100 mg/Kg TPH, 50 mg/Kg BTEX, and 10 mg/Kg Benzene: No*
- What was the total surface area (in square feet) reclaimed: 62,594 (square feet)*
- What was the total volume (in cubic yards) reclaimed: 9,936 (cubic yards)*
- Summarize any additional remediation activities not included by answers (above): *Backfill and reclamation efforts the site will be completed upon NMOCD closure approval.

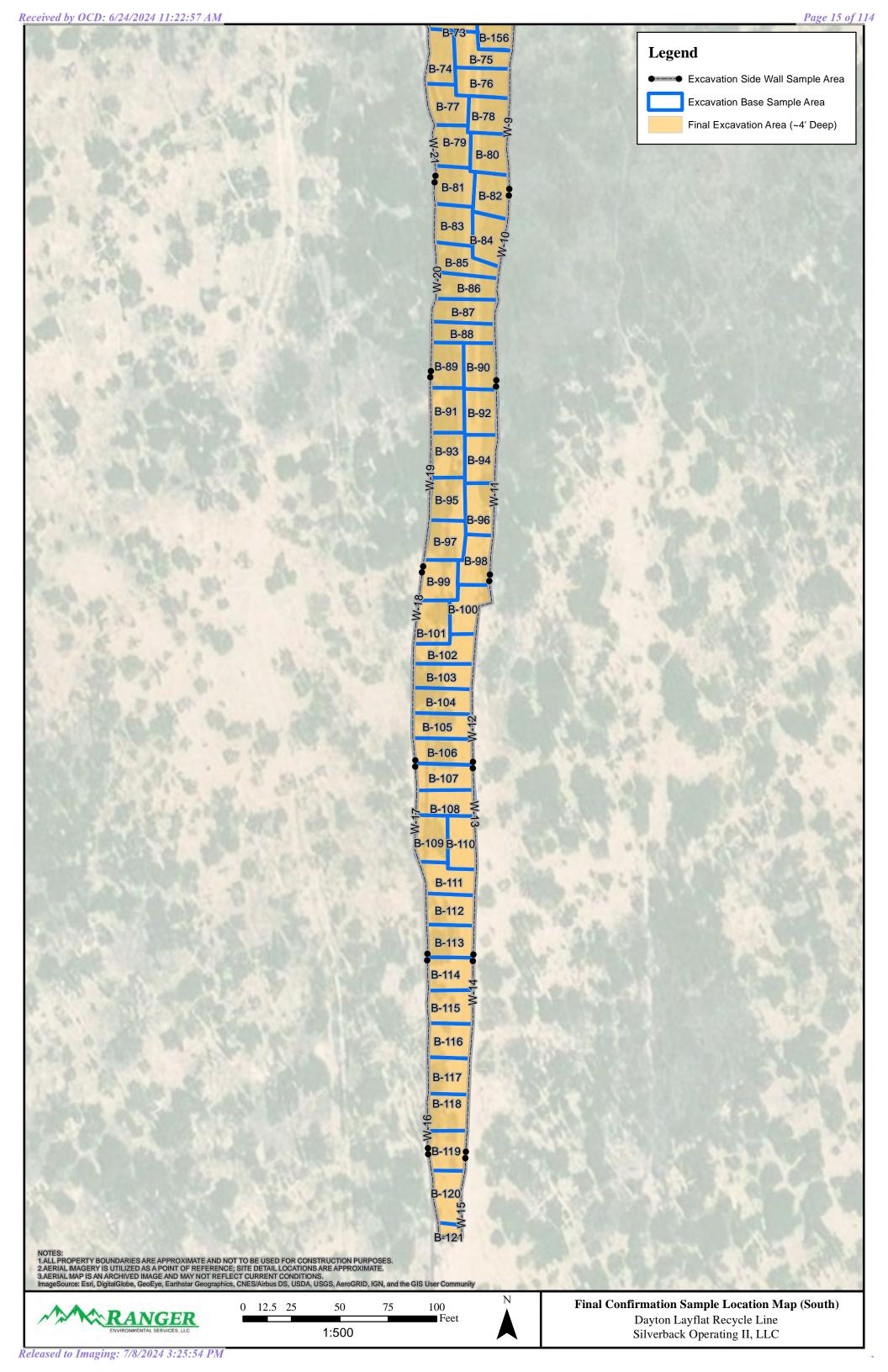
FIGURES

Topographic Map
Area Map
Assessment Sample Location Map
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Final Confirmation Sampel Location Map (North)
Final Confirmation Sampel Location Map (South)









TABLES

Site Assessment Soil BTEX (EPA 8260), TPH (EPA 8015) & Chloride (SM 4500) Analytical Data

Confirmation Sample Soil Chloride (SM 4500) Analytical Data

Released to Imaging: 7/8/2024 3:25:54 PM

SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300/SM 4500) ANALYTICAL DATA SILVERBACK OPERATING II, LLC DAYTON LAYFLAT RELEASE													
				All valu	ies presented	d in parts per	million (mo	/Ka)					
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
Horizontal Delineation Assess				1									
BH23-01 0ft BH23-01 2ft	10/4/2023 10/4/2023	0' 2'	<0.024 <0.023	<0.048 <0.047	<0.048 <0.047	<0.096 <0.093	<0.10 <0.09	<4.8 <4.7	<9.5 <9.8	<47 <49	<9.5 <9.8	<47 <49	<60 <60
DI 100 00 06	40/4/0000	01	0.004	0.040	0.040	0.007	0.40	4.0	0.0	40	0.0	40	74
BH23-02 0ft BH23-02 2ft	10/4/2023	0' 2'	<0.024 <0.024	<0.048 <0.047	<0.048 <0.047	<0.097 <0.094	<0.10	<4.8 <4.7	<9.9 <9.8	<49 <49	<9.9 <9.8	<49 <49	71 78
BH23-03 0ft BH23-03 2ft	10/4/2023	0' 2'	<0.025 <0.024	<0.050 <0.047	<0.050 <0.047	<0.10 <0.095	<0.10	<5.0 <4.7	<9.7 <9.8	<49 <49	<9.7 <9.8	<49 <49	140 82
DI 120-03 21t	10/4/2023		V0.024	NO.041	40.047	40.033	40.03	N4.1	43.0	140	43.0	140	- 02
BH23-04 0ft	10/4/2023	0'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.8	<49	<9.8	<49	88
BH23-04 2ft	10/4/2023	2'	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.6	<48	<9.6	<48	<60
BH23-05 0ft	10/4/2023	0'	< 0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<9.4	<47	<9.4	<47	<60
BH23-05 2ft	10/4/2023	2'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.3	<47	<9.3	<47	87
BH23-06 0ft	10/4/2023	0'	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.2	<46	<9.2	<46	<60
BH23-06 2ft	10/4/2023	2'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.2	<46	<9.2	<46	<60
BH23-07 0ft	10/4/2023	0'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<46	<9.3	<46	<60
BH23-07 0ft BH23-07 2ft	10/4/2023	2'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0 <4.8	<9.3 <9.5	<46 <47	<9.3 <9.5	<46 <47	<60 77
					Ι -			Ι			1	1	
BH23-08 0ft BH23-08 2ft	10/4/2023 10/4/2023	0' 2'	<0.024 <0.024	<0.049 <0.048	<0.049 <0.048	<0.097 <0.096	<0.10 <0.10	<4.9 <4.8	<9.7 <9.4	<49 <47	<9.7 <9.4	<49 <47	<60 <60
BH23-09 0ft	10/4/2023	0'	< 0.024	< 0.047	< 0.047	<0.095	<0.09	<4.7	<9.5	<47	<9.5	<47	<60
BH23-09 2ft	10/4/2023	2'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.5	<47	<9.5	<47	<60
BH23-10 0ft	10/4/2023	0'	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.2	<46	<9.2	<46	<60
BH23-10 2ft	10/4/2023	2'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.3	<47	<9.3	<47	<60
BH23-11 0ft	10/4/2023	0'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.6	<48	<9.6	<48	100
BH23-11 2ft	10/4/2023	2'	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<9.6	<48	<9.6	<48	<60
BH23-12 0ft	10/4/2023	0'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.8	<49	<9.8	<49	<60
BH23-12 2ft	10/4/2023	2'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<8.5	<43	<8.5	<43	<60
BH23-13 0ft	10/4/2023	0'	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<8.9	<44	<8.9	<44	<60
BH23-13 Oft BH23-13 2ft	10/4/2023	2'	<0.024	<0.049	<0.047	<0.097	<0.10	<4.9	<9.6	<48	<9.6	<48	85
BH23-14 0ft	10/4/2023	0'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.8	<49	<9.8	<49	320
BH23-14 2ft	10/4/2023	2'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<8.9	<44	<8.9	<44	<60
Mantia d Dalling attack Assessment													
Vertical Delineation Assessme TP23-01 0ft	10/5/2023	0'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.2	<46	<9.2	<46	13.000
TP23-01 4ft	10/5/2023	4'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.8	<49	<9.8	<49	1,100
TP23-02 0ft	10/5/2023	0'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.7	<48	<9.7	<48	15,000
TP23-02 4ft	10/5/2023	4'	<0.023	<0.046	<0.046	<0.093	<0.09	<4.6	<9.3	<47	<9.3	<47	3,400
TP23-03 0ft	10/5/2023	0'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.8	<49	<9.8	<49	16,000
TP23-03 0ft	10/5/2023	4'	<0.025	<0.030	<0.050	<0.099	<0.10	<4.8	<9.6	<48	<9.6	<48	2,200
TP23-03 6ft	10/5/2023	6'	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<48	<9.7	<48	410
TP23-03 8ft	10/5/2023	8'	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.7	<49	<9.7	<49	150
TP23-04 0ft	10/5/2023	0'	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.9	<50	<9.9	<50	18,000
TP23-04 4ft	10/5/2023	4'	<0.023	<0.046	<0.046	<0.092	<0.09	<4.6	<9.5	<48	<9.5	<48	1,300
TP23-04/6' TP23-04/8'	2/22/2024 2/22/2024	6' 8'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<30.0 <30.0	1,010 848
TP23-04/10'	3/15/2024	10'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	208
TP23-04/12'	3/15/2024	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<20.0	<30.0	224
TP23-05 0ft	10/5/2023	0'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.7	<49	<9.7	<49	22,000
TP23-05 4ft	10/5/2023	4'	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.2	<46	<9.2	<46	4,100
TP23-06 0ft	10/5/2023	0'	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.9	<50	<9.9	<50	15,000
TP23-06 4ft	10/5/2023	4'	<0.024	<0.048	<0.048	<0.095	<0.10	<4.8	<10	<50	<10	<50	2,100
TP23-07 0ft	10/5/2023	0'	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<9.6	<48	<9.6	<48	14,000
TP23-07 4ft	10/5/2023	4'	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.8	<49	<9.8	<49	2,600
TP23-05/6' TP23-05/10'	2/22/2024 2/22/2024	6' 10'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<30.0 <30.0	288 288
19.15.29.12 NMAC Table 1 C	,												
Impacted by a Release	se (GW 51'-10	0')	10				50				1,000	2,500	10,000
		orio	10 ³				50 ³						

^{1.} Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.

^{2.} Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.

3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of Digital C-141 and the release rule (19.15.29 NMAC) dated December 1, 2023.

CONFIRMATION SOIL SAMPLE CHLORIDE (SM 4500) ANALYTICAL DATA

CONFIRMATION SOIL SAMPLE CHLORIDE (SM 4500) ANALYTICAL DATA SILVERBACK OPERATING II, LLC DAYTON LAYFLAT RELEASE													
				All val	ues presente	d in parts pe	million (mg	/Kg)					,
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORID
cavation Side Wall Samp												MINO	
W-1	2/29/2024	0-4'											<16.0
W-2 W-3	2/29/2024 2/29/2024	0-4'											<16.0 32.0
W-4	2/29/2024	0-4											32.0
W-5	2/29/2024	0-4'											16.0
W-6	2/29/2024	0-4'											<16.0
W-7	2/29/2024	0-4'											<16.0
W-8	2/29/2024	0-4'											<16.0
W-9	2/29/2024	0-4'											<16.0
W-10 W-11	2/29/2024 2/29/2024	0-4'											<16.0 <16.0
W-12	2/29/2024	0-4'											<16.0
W-13	2/29/2024	0-4'											<16.0
W-14	2/29/2024	0-4'											<16.0
W-15	2/29/2024	0-4'											32.0
W-16	2/29/2024	0-4'											<16.0
W-17	2/29/2024	0-4'											112
W-18 W-19	2/29/2024 2/29/2024	0-4'											32.0 16.0
W-19 W-20	2/29/2024	0-4'											<16.0
W-21	2/29/2024	0-4'											<16.0
W-22	2/29/2024	0-4'											<16.0
W-23	2/29/2024	0-4'											<16.0
W-24	2/29/2024	0-4'											<16.0
W-25	2/29/2024	0-4'											<16.0
W-26 W-27	2/29/2024	0-4'											<16.0
W-28	2/29/2024 2/29/2024	0-4											<16.0 16.0
W-20	2/23/2024	0-4											10.0
cavation Base Samples													
B-1	2/12/2024	4'											976
B-2	2/12/2024	4'											1,100
B-3	2/12/2024	4'											880
B-4	2/12/2024	4'											1,410
B-5 B-6	2/12/2024 2/12/2024	4' 4'											416 1,230
B-7	2/12/2024	4'											80.0
B-8	2/12/2024	4'											1,040
B-9	2/12/2024	4'											912
B-10	2/12/2024	4'											944
B-11	2/12/2024	4'											1,100
B-12	2/12/2024	4'											272
B-13 B-14	2/12/2024	4' 4'											1,010 480
B-14	2/12/2024 2/12/2024	4'											832
B-16	2/12/2024	4'											656
B-17	2/12/2024	4'											752
B-18	2/12/2024	4'											1,340
B-19	2/12/2024	4'											2,920
B-20	2/12/2024	4'											432
B-21	2/12/2024	4'											352
B-22 B-23	2/12/2024 2/12/2024	4' 4'											448 2,120
B-23 B-24	2/12/2024	4'											1,260
B-25	2/12/2024	4'											288
B-26	2/12/2024	4'											16.0
B-27	2/12/2024	4'											432
B-28	2/12/2024	4'											320
B-29	2/12/2024	4'											32.0
B-30 B-31	2/12/2024 2/12/2024	4' 4'											16.0 32.0
B-31 B-32	2/12/2024	4'											1,070
B-33	2/12/2024	4'											1,410
B-34	2/13/2024	4'											3,280
B-35	2/13/2024	4'											544
B-36	2/13/2024	4'											1,040
B-37	2/13/2024	4'											560
B-38	2/13/2024	4'											608
B-39	2/13/2024	4'											1,520
B-40	2/13/2024	4'											5,040
B-41 B-42	2/13/2024 2/13/2024	4' 4'											1,660 1,490
B-43	2/13/2024	4'											4,880
B-44	2/12/2024	4'											240
B-45	2/12/2024	4'											512

B-45

CONFIRMATION SOIL SAMPLE CHLORIDE (SM 4500) ANALYTICAL DATA SILVERBACK OPERATING II, LLC DAYTON LAYFLAT RELEASE

All values presented in parts per million (mg/Kg)

All values presented in parts per million (mg/Kg)													
SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
B-46	2/13/2024	4'											336
B-47	2/13/2024	4'											784
B-48	2/13/2024	4'											272
B-49	2/13/2024	4'											2,280
B-50	2/13/2024	4'											3,000
B-51	2/12/2024	4'											32.0
B-52	2/12/2024	4'											1,260
B-53	2/12/2024	4'											5,600
B-54	2/12/2024	4'											608
B-55	2/13/2024	4'											2,800
B-56	2/13/2024	4'											144
B-57	2/13/2024	4'											64
B-58	2/13/2024	4'											240
B-59	2/12/2024	4'											1,250
B-60	2/12/2024	4'											1,360
B-61	2/12/2024	4'											256
B-62	2/12/2024	4'											1,120
B-63	2/12/2024	4'											1,020
B-64	2/13/2024	4'											32
B-65	2/12/2024	4'											480
B-66	2/12/2024	4'											272
B-67	2/12/2024	4'											1,200
B-68	2/12/2024	4'											2,200
B-69	2/12/2024	4'											1,380
B-70	2/12/2024	4'											2,320
B-71	2/12/2024	4'											2,480
B-72	2/12/2024	4'											4,000
B-73	2/12/2024	4'											9,200
B-74	2/12/2024	4'											848
B-75	2/12/2024	4'											3,560
B-76	2/12/2024	4'											7,730
B-77	2/12/2024	4'											7,200
B-78	2/12/2024	4'											704
B-79	2/12/2024	4'											7,600
B-80	2/12/2024	4'											2,320
B-81	2/12/2024	4'											6,400
B-82	2/12/2024	4'											4,080
B-83	2/12/2024	4' 4'											6,600
B-84	2/12/2024												2,960
B-85	2/12/2024	4' 4'											4,000
B-86	2/12/2024	4'											3,040
B-87 B-88	2/12/2024 2/12/2024	4'											176 3,400
B-89	2/12/2024	4'											160
B-90	2/22/2024	4'											1,520
B-90	2/22/2024	4'											4,640
B-91	2/22/2024	4'											960
B-93	2/22/2024	4'											688
B-93	2/22/2024	4'											2,360
B-95	2/22/2024	4'											816
B-95	2/22/2024	4'											368
B-97	2/22/2024	4'											1,180
B-98	2/22/2024	4'											2,760
B-99	2/22/2024	4'											976
B-100	2/22/2024	4'											3,760
B-101	2/22/2024	4'											944
B-102	2/22/2024	4'											2,240
B-103	2/22/2024	4'											1,600
B-104	2/22/2024	4'											1,340
B-105	2/22/2024	4'											1,760
B-106	2/22/2024	4'											1,440
B-107	2/22/2024	4'											1,600
B-108	2/22/2024	4'											720
B-109	2/22/2024	4'											1,100
B-110	2/22/2024	4'											656
B-111	2/22/2024	4'											1,120
B-112	2/22/2024	4'											432
B-113	2/22/2024	4'											1,060
B-114	2/22/2024	4'											1,360
B-115	2/22/2024	4'											1,470
B-116	2/22/2024	4'											2,600
B-117	2/22/2024	4'											2,800
B-118	2/22/2024	4'											1,360
B-119	2/22/2024	4'											1,580
B-120	2/22/2024	4'											688
B-121	2/22/2024	4'											1,440
= -=-		•										•	, ,

CONFIRMATION SOIL SAMPLE CHLORIDE (SM 4500) ANALYTICAL DATA SILVERBACK OPERATING II, LLC DAYTON LAYFLAT RELEASE

All values presented in parts per million (mg/Kg)

SAMPLE ID	DATE	DEPTH (FT)	BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C6-C10	TPH DRO C10-C28	TPH MRO C28-C36	TPH (GRO+DRO)	TPH (GRO+DRO+ MRO)	CHLORIDE
B-122	2/22/2024	4'											2,000
B-123	2/22/2024	4'											1,650
B-124	2/22/2024	4'											2,190
B-125	2/29/2024	4'											2,680
B-126	2/29/2024	4'											2,440
B-127	2/29/2024	4'											912
B-128	2/29/2024	4'											1,540
B-129	2/29/2024	4'											1,410
B-130	2/29/2024	4'											1,010
B-131	2/29/2024	4'											1,200
B-132	2/29/2024	4'											1,550
B-133	2/29/2024	4'											688
B-134	2/29/2024	4'											2,200
B-135	2/29/2024	4'											2,280
B-136	2/29/2024	4'											976
B-137	2/29/2024	4'											832
B-138	2/29/2024	4'											864
B-139	2/29/2024	4'											2,000
B-140	2/29/2024	4'											992
B-141	2/29/2024	4'											2,080
B-142	2/29/2024	4'											640
B-143	2/29/2024	4'											1,680
B-144	2/29/2024	4'											4,480
B-145	2/29/2024	4'											1,620
B-146	2/29/2024	4'											1,600
B-147	2/29/2024	4'											1,780
B-148	2/29/2024	4'											2,400
B-149	2/29/2024	4'											5,200
B-150	2/29/2024	4'											2,400
B-151	2/29/2024	4'											1,120
B-152	2/29/2024	4'											944
B-153	2/29/2024	4'											976
B-154	2/29/2024	4'											80.0
B-155	2/29/2024	4'											64.0
B-156	2/29/2024	4'											32.0
B-157	2/29/2024	4'											64.0
B-158	2/29/2024	4'											48.0
B-159	2/29/2024	4'											48.0
B-160	2/29/2024	4'											144
B-161	2/29/2024	4'											592
19.15.29.12 NMAC Table 1 C Impacted by a Relea			10				50				1,000	2,500	10,000
19.15.29.13 NMAC Re (0'-4' Soils		eria	10 ³				50 ³					100 ³	600

^{1.} Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.

^{2.} Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.
3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of Digital C-141 and the release rule (19.15.29 NMAC) dated December 1. 2023.



PHOTOGRAPH NO. 1 - A view collected at the Site during the assessment process on February 12, 2023. The view is towards the southeast.

(Approximate GPS Coordinates: 32.710662, -104.344177)



PHOTOGRAPH NO. 2 – A view Site during the remedial excavation activities on February 12, 2023. The view is towards the Northwest.

(Approximate GPS Coordinates: 32.710467, -104.344191)



PHOTOGRAPH NO. 3 - A view of the excavation/remediation area, in the vicinity of the release location, upon completion of the remedial process. The view is towards the southwest.



PHOTOGRAPH NO. 4 - A view of the additional vertical delineation assessment activities on February 22, 2024. The view is towards the south.



February 16, 2024

WILL KIERDORF

RANGER ENVIRONMENTAL SERVICES, INC.

PO BOX 201179

AUSTIN, TX 78729

RE: DAYTON LAYFLAT LINE

Enclosed are the results of analyses for samples received by the laboratory on 02/13/24 13:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/13/2024 Sampling Date: 02/12/2024

Reported: 02/16/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: 6684 Sample Received By: Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: B - 1 (H240679-01)

Chloride, SM4500Cl-B	mg/kg		Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	02/14/2024	ND	432	108	400	3.64	
Sample ID: B - 2 (H240679-02)									
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	02/14/2024	ND	432	108	400	3.64	
Sample ID: B - 3 (H240679-03)									
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	02/14/2024	ND	432	108	400	3.64	
Sample ID: B - 4 (H240679-04)									
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	02/14/2024	ND	432	108	400	3.64	

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/13/2024 Sampling Date: 02/12/2024

Reported: 02/16/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: B - 5 (H240679-05)

Chloride, SM4500Cl-B		/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/14/2024	ND	432	108	400	3.64	
Sample ID: B - 6 (H240679-06)									
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	02/14/2024	ND	432	108	400	3.64	
Sample ID: B - 7 (H240679-07)									
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/14/2024	ND	432	108	400	3.64	
Sample ID: B - 8 (H240679-08)									
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	02/14/2024	ND	432	108	400	3.64	
Sample ID: B - 9 (H240679-09)									
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	02/14/2024	ND	432	108	400	3.64	

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/13/2024 Sampling Date: 02/12/2024

Reported: 02/16/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: B - 10 (H240679-10)

Chloride, SM4500CI-B	mg,	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	02/14/2024	ND	432	108	400	3.64	
Sample ID: B - 11 (H2406	579-11)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 12 (H240679-12)

Chloride, SM4500Cl-B	/kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 13 (H240679-13)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 14 (H240679-14)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/14/2024	ND	432	108	400	3.64	

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Celey D. Keene



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/13/2024 Sampling Date: 02/12/2024

Reported: 02/16/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: B - 15 (H240679-15)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	02/14/2024	ND	432	108	400	3.64	
Sample ID: B - 16 (H2406	79-16)								

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 17 (H240679-17)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 18 (H240679-18)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 19 (H240679-19)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	02/14/2024	ND	432	108	400	3.64	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/13/2024 Sampling Date: 02/12/2024

Reported: 02/16/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: B - 20 (H240679-20)

Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/14/2024	ND	432	108	400	3.64	
Sample ID: B - 21 (H2400	•								
Chloride, SM4500Cl-B	mg	/ka	Analyze	ed Bv: AC					

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 22 (H240679-22)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 23 (H240679-23)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	02/14/2024	ND	416	104	400	3.77	

Sample ID: B - 24 (H240679-24)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	02/14/2024	ND	416	104	400	3.77	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/13/2024 Sampling Date: 02/12/2024

Reported: 02/16/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 6684

Project Location: EDDY CO NM

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/14/2024	ND	416	104	400	3.77	
Sample ID: B - 26 (H240)	679-26)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Chloride, SM4500Cl-B Analyte	mg , Result	/kg Reporting Limit	Analyze Analyzed	d By: HM Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
			-	-	BS 416	% Recovery	True Value QC 400	RPD 3.77	Qualifier

Chloride, SM4500Cl-B	mg/kg		kg Analyzed By: HM						Analyzed By: HM			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Chloride	432	16.0	02/14/2024	ND	416	104	400	3.77				

Sample ID: B - 28 (H240679-28)

Chloride, SM4500CI-B	Chloride, SM4500Cl-B mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/14/2024	ND	416	104	400	3.77	

Sample ID: B - 29 (H240679-29)

Chloride, SM4500Cl-B	mg/kg Analyzed E			d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/14/2024	ND	416	104	400	3.77	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/13/2024 Sampling Date: 02/12/2024

Reported: 02/16/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: B - 30 (H240679-30)

Chloride, SM4500Cl-B	mg	mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/14/2024	ND	416	104	400	3.77	
Sample ID: B - 31 (H2406 Chloride, SM4500Cl-B	79-31)	/ka	Δnalvze	ed Bv: HM					

				•					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/14/2024	ND	416	104	400	3.77	

Sample ID: B - 32 (H240679-32)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	02/14/2024	ND	416	104	400	3.77	

Sample ID: B - 43 (H240679-33)

Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	02/14/2024	ND	416	104	400	3.77	

Sample ID: B - 44 (H240679-34)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/14/2024	ND	416	104	400	3.77	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/13/2024 Sampling Date: 02/12/2024

Reported: 02/16/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: B - 45 (H240679-35)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	02/14/2024	ND	416	104	400	3.77	
Sample ID: B - 51 (H240	679-36)								
Sample ID: B - 51 (H240 Chloride, SM4500Cl-B	-	/kg	Analyze	d By: HM					
•	-	/kg Reporting Limit	Analyze Analyzed	d By: HM Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Sample ID: B - 52 (H240679-37)

Chloride, SM4500CI-B	mg/kg		g Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	02/14/2024	ND	416	104	400	3.77	

Sample ID: B - 53 (H240679-38)

Chloride, SM4500Cl-B	ide, SM4500Cl-B mg/kg			d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	02/14/2024	ND	416	104	400	3.77	

Sample ID: B - 54 (H240679-39)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	02/14/2024	ND	416	104	400	3.77	

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WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/13/2024 Sampling Date: 02/12/2024

Reported: 02/16/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact Project Number: 6684 Sample Received By: Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: B - 59 (H240679-40)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	02/14/2024	ND	416	104	400	3.77	
Sample ID: B - 60 (H2406	79-41)								

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	02/14/2024	ND	416	104	400	3.77	

Sample ID: B - 61 (H240679-42)

Chloride, SM4500Cl-B	Chloride, SM4500Cl-B mg/kg								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/14/2024	ND	416	104	400	3.77	

Sample ID: B - 62 (H240679-43)

Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 63 (H240679-44)

Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	02/14/2024	ND	432	108	400	3.64	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/13/2024 Sampling Date: 02/12/2024

Reported: 02/16/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: B - 65 (H240679-45)

Chloride, SM4500Cl-B	mg	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/14/2024	ND	432	108	400	3.64	
Sample ID: B - 66 (H240	679-46)								
Sample ID: B - 66 (H240 Chloride, SM4500Cl-B	-	/kg	Analyze	d By: AC					
-	-	/kg Reporting Limit	Analyze Analyzed	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Sample ID: B - 67 (H240679-47)

Chloride, SM4500Cl-B	oride, SM4500Cl-B mg/kg								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 68 (H240679-48)

Chloride, SM4500Cl-B	mg,	mg/kg Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 69 (H240679-49)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	02/14/2024	ND	432	108	400	3.64	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/13/2024 Sampling Date: 02/12/2024

Reported: 02/16/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: EDDY CO NM

Sample ID: B - 70 (H240679-50)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	02/14/2024	ND	432	108	400	3.64	
Sample ID: R - 71 (H2/0)	570 <u>-</u> 51\								

Sample ID: B - 71 (H240679-51)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 72 (H240679-52)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 73 (H240679-53)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 74 (H240679-54)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	02/14/2024	ND	432	108	400	3.64	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/13/2024 Sampling Date: 02/12/2024

Reported: 02/16/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: 6684 Shalyn Rodriguez

Project Location: EDDY CO NM

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3560	16.0	02/14/2024	ND	432	108	400	3.64	
Sample ID: B - 76 (H240	679-56)								
Sample ID: B - 76 (H240 Chloride, SM4500CI-B	679-56) mg,	/kg	Analyze	d By: AC					
•	-	/kg Reporting Limit	Analyze Analyzed	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Sample ID: B - 77 (H240679-57)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 78 (H240679-58)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	02/14/2024	ND	432	108	400	3.64	

Sample ID: B - 79 (H240679-59)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	02/14/2024	ND	432	108	400	3.64	

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WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/13/2024 Sampling Date: 02/12/2024

Reported: 02/16/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: EDDY CO NM

6400

16.0

Sample ID: B - 80 (H240679-60)

Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	02/14/2024	ND	432	108	400	3.64	
Sample ID: B - 81 (H2406	579-61)								
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

432

108

400

3.64

Sample ID: B - 82 (H240679-62)

Chloride

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	02/14/2024	ND	432	108	400	3.64	

02/14/2024

Sample ID: B - 83 (H240679-63)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6600	16.0	02/14/2024	ND	432	108	400	0.00	QM-07

Sample ID: B - 84 (H240679-64)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	02/14/2024	ND	432	108	400	0.00	

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400

0.00

Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/13/2024 Sampling Date: 02/12/2024

Reported: 02/16/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Shalyn Rodriguez

Project Location: EDDY CO NM

3040

16.0

Sample ID: B - 85 (H240679-65)

Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	02/14/2024	ND	432	108	400	0.00	
Sample ID: B - 86 (H2400	579-66)								
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value OC	RPD	Qualifier

ND

432

108

Sample ID: B - 87 (H240679-67)

Chloride

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/14/2024	ND	432	108	400	0.00	

02/14/2024

Sample ID: B - 88 (H240679-68)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3400	16.0	02/14/2024	ND	432	108	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Freene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:	Ranger Environmental Services, Inc.	Inc.	1	- 1	-1	- 1	-	1				111		1	1	l			1	1	ı				
Project Manager:	Will Kierdorf								9	P.O. #:		DIET 10		7	1	1	≥	ANALYSIS	Sis	굒	18	REQUEST	1	1	1
Address:	PO Box 201179								S I	3	Company:	Silverhac	Silverback Evoloration					_	_						r
City: Austin	State:	TX Z	Zip: 78720	872	0				Attn:	? .	Mark	Mark Ritchie	- Population						_			T	M		
Phone #: 512-289-3272	9-3272 Fax #:	C)	512-335-0527	35-0	527				Ad	dre	9: 10	Address: 108 S 4th St						_	_					1	7
Project #: 6684	Project Owner								City:		Artesia	0. 401 01.							_				٦		
Project Name: Day	Dayton Layflat Line								2		State: NM		2					_	_						
Project Location:	Eddy County, NM								Dh.	5	4.	7ip: 00210	io						_						
Sampler Name	Martina								7110	FIIOTIE #:	*			Т				_	_						
FOR LABISS ON V	J. Martinez	-	1	1					Fax #:	#								_							
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H240679		C)OMP									-			XT		500)									
Lab I.D.	Sample I.D.	(G)RAB OR (C	# CONTAINER	GROUNDWAT	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME	TPH: (8015) EX	BTEX (8021B)	Chloride (SM 45									
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20	B-2	G	-			×					×	2/12/25	0932			×	1	+	+	1					
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2	4	G	-			×		-			×	2/12/27	0936			×	-	+	+	4					
5	8.5	G	-			×		-			×	2/12/28	0938			×	+		+	4					
1	0 0	G	_			×	-				×	2/12/29	0940			×		1	1	4					
2-	B-/	G	_			×	-	-	-		×	2/12/30	0942			×		1		-					
20	0 00	G	-			×	-	-	-	~	×	2/12/31	0944			×	-			+					
5-	8-9	G	_			×		-		~	×	2/12/32	0946			×	+	1	1	+					
- 3	B-10	G	-			×	-	-		×		2/12/33	0948			×	-	1	7	+					
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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Ranger Environmental Services, Inc.

Company Manie.	ranger Environmental Services, Inc.	s, Inc.				BILL	2	1	l				
Project Manager:	Will Kierdorf				P.O. #	Olme 10	,	1			ANALYSIS	S REQUEST	
Address:	PO Box 201179				Company		ali Dimination	_					
City: Austin	State:	TX Z	Zip: 78:	78720	Attn: Mark	D	oliverback Exploration						
Phone #: 512-289-3272	9-3272 Fax #:	5	12-336	512-335-0527	Address:	Address: 108 S 4th St					_		
Project #: 6684	Project Owner:				City: Arts	1000,7610	ř	_					
Project Name: Day	Dayton Layflat Line				State: NIM	2							
Project Location:	Eddy County, NM				orate: NM	Zip: 88210	210						
Camplandin	Looy County, INIVI				Phone #:						_		
Sampler Name:	J. Martinez				Fax #:			_		_			
FOR LAB USE ONLY				M/	MATRIX PRESERV		SAMPLING	_					
PHODIC		OMP	S					(T		500)			
Lab I.D.	Sample I.D.	G)RAB OR (C	CONTAINER	ROUNDWAT ASTEWATER	LUDGE THER: CID/BASE: E/COOL	THER:		H: (8015) EX	EX (8021B)	loride (SM 45			
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36	B-16	G	-	×	×	2/12/24				×			
Q	8-17	G	-	×	×	2/12/24	1012			×			
00	B-18	G	-	×	×	2/12/24				×			
060	0-14	6	-	×	×	2/12/24	1016			×			
טו	0.20	G	_	×	×	2/12/24	1020			×			
وره	0.27	G	-	×	×	2/12/24	1024			×			
22	0.22	G	-3	×	×	2/12/24	1026			×			
200	B-23	G	-	×	×	2/12/24	1028			×			
200	0.24	G	-	×	×	2/12/24	1030			×			
25	0.20	0	-	×	×	2/12/24	1100			×			
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nalyses, All claims Including those for ervice, In no event shall Cardinal be li- filliates or successors arising out of or Relinquished Rv.	nalyses. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless made in vortized or tort, shall be limited to the amount paid by the client for the any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the applicable and the consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, the consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, the consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, the consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, the client of the performance of services hereunder by Cardinal, regardees of whether such claim is based upon any of the above stated respons or otherwise.	he deemed walling without limit by Cardinal, re-	ved unless tation, busi pardless of	ner based in cor s made in writing siness interruption of whether such o	thract or tort, shall be limited to the pand received by Cardinal within 3 res, loss of use, or loss of profits in daim is based upon any of the abo	amount paid by the days after compount of the	e clent for the lettor of the applications subsidiaries, or otherwise	ă .		1			-
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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

company name:	Ranger Environmental Services, Inc.	Inc.										BILL TO		1	1	l		
Project Manager:	Will Kierdorf								P.C	P.O. #:	- 1			7	1		ANALYSIS REQUEST	
Address:	PO Box 201179								Col	Company:	. Y	Silverba	Silverback Exploration					
City: Austin	State: TX		Zip: 78720	872	0				Attn:		Mark	Mark Ritchie	Topici such					
Phone #: 512-289-3272	9-3272 Fax #:	O)	512-335-0527	35-0	527				Ado	res	9	3	2					_
Project #: 6684	Project Owner:								City:		Artesia	00 0. 401	OL.					
Project Name: Da	Dayton Layflat Line								Sta .	State: NM	N I		5010					_
Project Location:	Eddy County, NM								Dha ola	9	IMI	ZID: 00210	0710					_
Sampler Name:	Marina				1			1	PHO	Fnone #:	75							_
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FOR LAB USE ONLY		,	-	т		MA	MATRIX			Ř	PRESERV	П	SAMPLING					
H340679 Lab I.D.	Sample I.D.	RAB OR (C)OMP	ONTAINERS	DUNDWATER	STEWATER	L		DGE	ER:	D/BASE:	ER:			(8015) EXT	K (8021B)	ride (SM 4500)		
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222	8-32	G	-			×	-	H	-	×		2/12/24	1114			×		
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000	U-53	G	_			×	-	-		×		2/12/24	1142	4	1	×		
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Laboratories

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:	Ranger Environmental Services, Inc.	s, Inc.				-	- 1				0	BILL	170				1	1		SNALVER BEOLEGY
Project Manager:	Will Kierdorf								P.O.	#						1	1	1	1	SECOND CIENTER
Address:	PO Box 201179								Cor	Company:	. Au	0	harhark	n		_				
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Phone #: 512-28	512-289-3272 Fax #:	5	512-335-0527	35-0	527				Add	res	5	S 80	Address: 108 S. 4th St		ł					
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Project Name: Da	Dayton Layflat Line								State:	0.	NN S		282	5						
Project Location:	Eddy County, NM							_	040	2		!	-ip, 00210	C						
Sampler Name	I Marinov			1				1	100	FIIOITE #3				1						
Sampler Name:	J. Martinez		1					_	Fax #:	#										
FOR LAB USE ONLY		_	-	$\overline{}$		MATRIX	RX		77	RE	PRESERV		SAMPLING	ING						
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† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476

	ranger crivilorimental services, Inc.	Herital Services,	Inc.									-	8	BILL TO		1			2	1	ś١	il		1	2	1	1	1					
Project Manager:	Will Kierdorf								Ø.	P.O. #:	#	- 1		SHIVER BUK	*	٦	1	1	-	MINALIOIO	17	٦ŏ		⊣ ਜ	E	KEQUESI	U	1-	1		1	-	1
Address:	PO Box 201179								0	Company:	Bal	3		Beite Hessesses	Sec.		_		_	_												_	
City: Austin		State: TX		Zip: 78720	0				A	Attn:		E .	E	MANUEL MANUEL	Maril R.L.L.				_	_		_											_
	512-497-1556	Fax#:	512	512-335-0527	0527	-			A	dr	es	4-	200	Address: 108 S. 4th Street	- Marie de					_		_		_								_	
Project #:	6684	Project Owner:	ner:						0	City:	A	Artesia	20						_	_				_								_	
Project Name:	Daylog Lay flat Line	lat Line.					4		2	State: NM		5		7in. 2231			0		_	_				_								_	_
Project Location:	Rural Eddy County, NM	ty, NM							P (3	4			-ip. 00210			826		_	_				_								_	_
Sampler Name:	J. Martinez									Triolid #. Au	9	1	1	A-Millowille.			ΓEX	_	_	_				_		_						_	_
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			٨	3		MA	MATRIX			PR	PRESERV.	ER	.<	SAMPLING	G		or	0)	_							_						_	
Lab I.D.	Sample I.D.	I.D.	(G)RAB OR (C)O	CONTAINERS GROUNDWATER	NASTEWATER	SOIL	DIL	LUDGE	THER:	CID/BASE:	CE / COOL	THER:	THEK.	DATE		PH: 8015 EXT	TEX 8021B/5030	hloride (SM 4500														LD	LD
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† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

company Name:	Ranger Environmental Services, Inc.	s, Inc.	BILL TO	3			
Project Manager:	Will Kierdorf		P.O. #: SILVEY &	SILVEY BUY ENGLAND		ANALYSIS REQUEST	
Address:	PO Box 201179		Company: denogramon	andress of the second			
City: Austin	State:	TX Zip: 78720	Attn: abayessage May's like	A Riber			
	7-1556 Fax #:	512-335-0527	Address: 10 S. 4th Street	ree			
Project #: 6526	(e/684) Project Owner:	wner:	City: Artesia				
Project Name: Do	Dayton Layflat Line		NIN Discoid	2)		
Project Location:	Rural Eddy County, NM		Orace. NW ZID: 08210	210	8260		
ampler Name	I Madin -		Phone #: @#@@peegang	•	X E		
FOR LAST ISSENSE:	J. Martinez		Fax #:		ВТЕ		
FOR LAB USE ONLY			PRESERV. SAMPLING	LING	_		
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es. All claims including those it. In no event shall Cardinal be so or successors arising out of	yes. All claims including those for negligence and any other cause whatsoever shall be demand waived unless made in contract or tort, shall be limited to the amount paid by the client for the loc. In no event shall Cardinal be liable for incidental or consequental damages, including without intridicin, business indering and received by Cardinal within 30 days after completion of the applicable light or consequental damages, including without initiation, business interruptions, loss of use, or loss of profits incurred by Client, its subsidiaries,	for any claim arising whether based in contract be deemed waived unless made in writing and dring without similation, business interruptions, lot by Cardinal securities.	or tort, shall be limited to the amount pa received by Cardinal within 30 days afte as of use, or loss of profits incurred by	aid by the client for the ir completion of the applicab- client, its subsidiaries,	*		
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Page 22 of 22



February 23, 2024

WILL KIERDORF

RANGER ENVIRONMENTAL SERVICES, INC.

PO BOX 201179

AUSTIN, TX 78729

RE: DAYTON LAYFLAT LINE

Enclosed are the results of analyses for samples received by the laboratory on 02/20/24 13:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/20/2024 Sampling Date: 02/13/2024

Reported: 02/23/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: 6684 Sample Received By: Tamara Oldaker

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 33 (H240814-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	02/22/2024	ND	432	108	400	3.64	
Sample ID: B - 34 (H2408	314-02)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	02/22/2024	ND	432	108	400	3.64	
Sample ID: B - 35 (H2408	314-03)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	02/22/2024	ND	432	108	400	3.64	
Sample ID: B - 36 (H2408	314-04)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	02/22/2024	ND				3.64	

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Celey D. Keene



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/20/2024 Sampling Date: 02/13/2024

Reported: 02/23/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact Project Number: Sample Received By: 6684 Tamara Oldaker

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 37 (H2408)	14-05)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	02/22/2024	ND	432	108	400	3.64	
Sample ID: B - 38 (H2408	14-06)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	02/22/2024	ND	432	108	400	3.64	
Sample ID: B - 39 (H2408)	14-07)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	02/22/2024	ND	432	108	400	3.64	
Sample ID: B - 40 (H2408)	14-08)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	02/22/2024	ND	432	108	400	3.64	
Sample ID: B - 41 (H2408)	14-09)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	02/22/2024	ND	432	108	400	3.64	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/20/2024 Sampling Date: 02/13/2024

Reported: 02/23/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: 6684 Sample Received By: Tamara Oldaker

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 42 (H240814-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	02/22/2024	ND	432	108	400	3.64	
Sample ID: B - 46 (H240	814-11)								
Sample ID: B - 46 (H240 Chloride, SM4500Cl-B	814-11) mg	/kg	Analyze	d By: HM					
•	-	/kg Reporting Limit	Analyze Analyzed	d By: HM Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Sample ID: B - 47 (H240814-12)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	02/22/2024	ND	432	108	400	3.64	

Sample ID: B - 48 (H240814-13)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/22/2024	ND	432	108	400	3.64	

Sample ID: B - 49 (H240814-14)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	02/22/2024	ND	432	108	400	3.64	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/20/2024 Sampling Date: 02/13/2024

Reported: 02/23/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 50 (H240814-15)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	02/22/2024	ND	432	108	400	3.64	
Sample ID: B - 55 (H2408	314-16)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	02/22/2024	ND	432	108	400	10.5	QM-07
Sample ID: B - 56 (H2408	314-17)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/22/2024	ND	432	108	400	10.5	
Sample ID: B - 57 (H2408	314-18)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/22/2024	ND	432	108	400	10.5	
Sample ID: B - 58 (H2408	314-19)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/22/2024	ND	432	108	400	10.5	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/20/2024 Sampling Date: 02/13/2024

Reported: 02/23/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 64 (H240814-20)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/22/2024	ND	432	108	400	10.5	

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Celey D. Keine



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene



Company Name:	Ranger Environmental Services Inc.	ntal Carricas	Jon .)								
Project Manager:	Will Kierdorf			1						9	P.O. #	١.	DILL 10				7	1	ANALTOIS	KEQUEST
Address:	PO Box 201179									co Co	Company:	NY.	Silverback	Silverback Exploration						
City: Austin		State: TX		Zip: 78720	872	0				Att	2	Mark	Attn: Mark Ritchie							
Phone #: 512-289-3272	19-3272	Fax #:	O1	512-335-0527	35-0	527				Ado	dres	S; 10	Address: 108 S. 4th St					_		
Project #: 6684		Project Owner:								City:		Artesia	a							
Project Name: Day	Dayton Layflat Line									Sta		N N	Zip: 88210	0					_	
Project Location:	Eddy County, NM									Pho	Phone #:	#								
Sampler Name:	F.Rodriguez		H							Fax #:	#									
FOR LAB USE DNLY			\dashv	\dashv	Н		MA	MATRIX		Ц	PRE	PRESERV	/ SAMPLING	ING						
Lab I.D. H <i>3408/14</i>	Sample I.D.	į.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	OTHER:	_	TIME	TPH: (8015) EXT	BTEX (8021B)	Chloride (SM 4500)			
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Ct.	B-35		G	u,			×					×	2/13/24	12:10	4	1	×			
4	B-36		G	4			×					×	2/13/24	12:15		4	×			
3	B-37		0	4			×			_		×	2/13/24	12:20		4	×			
6	B-38		G	-4			×					×	2/13/24	12:25			×			
1	B-39		G	4			×				4.1	×	2/13/24	12:30			×			
8	B-40		G	-4			×			_		×	2/13/24	12:35		Ц	×			
9	B-41		G	4			×					×	2/13/24	12:40		_	×			
10	B-42		6	-4			×					×	2/13/24	12:45			×			
//	B-46		G	-4			×			_		×	2/13/24	12:50		Ц	×			
12	B-47		G	4			×			Н		×	2/13/24	12:55			×			
B-48 **UEASE NOTE: Liability and Damages. Cardinut's liability and diler nsiyees. At diams, including those for negligence and any other cau.	B-48 Upps, Candrair's liability and client's endusive remady for any claim for negligence and any other cause whatsoever shall be deemed wa	s endusive remedy for a whatsoever shall be de-	any dam a	and I	NO BASE	ather base made in w	× 8 E	20 ago	a lot	Cand	0 0 mile	30 d	X 2/13/24 and in contract or lost shall be limited to the amount paid by the writing and received by Cardinal within 30 days after completion	13/24 13:00 paid by the disert for the competion of the applicable		L	×			
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Relinquished By:		1050 HE	1	Received By	ed i	A S		100	11.	1	14		A CONTRACTOR OF THE PROPERTY O				m	Email results	esuts to will@rangerenv.com	env com
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s. Please fax written changes to 575-393-2476



	(575) 393-2326 FAX (575) 393-2476	X (575) 393-2	476		ı	1	ı	ı		1	ı	L				1						ı	L		L	ı					
Company Name:	Ranger Environmental Services, Inc.	ntal Services, In	ς,									-	3/L	BILL TO		Г	1		1	A	ANALYSIS	Sis	اھ	REQUEST	I E	S	Ι΄	1	1	-	
Project Manager:	Will Kierdorf									P.O. #:	#										_			_		_					
Address:	PO Box 201179									Cor	npa	Company:		Silverback Exploration	xploration						_			_						_	
City: Austin		State: TX	Zip	Zip: 78720	720					Attr	=	Attn: Mark Ritchie	Rito	thie						_	_			_						_	
Phone #: 512-2	512-289-3272	Fax #:	512	512-335-0527	5-05	27				Ado	res	S.	8 80	Address: 108 S, 4th St.							_									_	
Project #: 6684		Project Owner:	ä							City		City: Artesia	Sia.													_				_	
Project Name: Dayton Layflat Line	ayton Layflat Line									Sta	e:	State: NM		Zip: 88210	0														_	_	
Project Location:	Eddy County, NM									Phone #:	one	#														_					
Sampler Name:	F.Rodriguez									Fax #:	#															_			_	_	
FOR LAB USE ONLY			Ρ.		\Box		MATRIX	R.X			ᇛ	PRESERV.	13	SAMPLING	NG.			0)												_	
Lab I.D.	Sample I.D.	,D	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	TPH: (8015) EXT	BTEX (8021B)	Chloride (SM 4500)													
14	B-49		G	-4			×		_	-	\rightarrow			2/13/24	13:05	П	П	×		\forall	\dashv			-						-	
15	B-50		G	-			×					×	-	2/13/24	13:10	i.		×			-			-						_	
16	B-55		G	_			×					×		2/13/24	13:15			×													
7	B-56		9				×					×	_	2/13/24	13:20			×			-			-						_	
18	B-57		G				×					×		2/13/24	13:25			×			-			-						-	
19	B-58		G	-			×					×		2/13/24	13:30			×			_			-						-	
20	B-64		G	-			×					×	-	2/13/24	13:35			×	+		+			-					-	-	
													-					$\Pi\Pi\Pi$	++++			-1-1-1									
NEASE NOTE: Liability and Demay mayyers. All claims including those for annous fining event shall Cardinal be iffluence or successions arising out of o	ges. Cardinal's liability and dis- ir negligence and any other ca- liabilition modernal or consequi- rirelated to the performance of	of's exclusive namedy for an use whatcover shall be clear ental damages, including with services hereunder by Card (services hereunder by Card)	any clair semed v	marisin marisind mission	ing who	7 THE P. LEWIS CO.	thrug thrug	the stand	act or d rece loss o	to de de	hall be y Card or bea	act or bot, shall be limite of received by Cardinal w oss of use, or less of pro is based upon any of fire	dia a	ed to the amount paid by the ithin 30 days after completion offs incurred by clent, its sub a above stated reasons or oth	d by the client for t impletion of the ap- it, its subsidiaries, his or otherwise.	ppicative	1	1	- 1					- 1	- 1					-	
Relinquished By:	P	Date: JAN	1-	Received By:	ed B	×									Phone Result: Fax Result: REMARKS:	t tilts	20	Yes	O No	Add	Add'l Phone #: Add'l Fax #:	# 90	177								
Relinquished By:		1750 1750 1750 1750	Re	Received By	ed m	Se Call		100	1.	6	14	S	61,	W.					Email results to will@rangerenv.com	esutis	to will	@ra	ger	N.V	E						
Delivered By: (Circle One)	Circle One)				- 10	Sample Condition	ple (Condi	ditio	-	. 0	CHECKED BY	ECKED	D BX:																	
Sampler - UPS - Bus -	Bus - Other:	14.	1	9		WYes WYes	No es	No O No	No es	1		1	7	10.																	
F CONMITTED TO		11107				ĺ	-		-			1	ľ																		



March 01, 2024

WILL KIERDORF

RANGER ENVIRONMENTAL SERVICES, INC.

PO BOX 201179

AUSTIN, TX 78729

RE: DAYTON LAYFLAT LINE

Enclosed are the results of analyses for samples received by the laboratory on 02/27/24 11:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/27/2024 Sampling Date: 02/22/2024

Reported: 03/01/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: 6684 Sample Received By: Dionica Hinojos

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 89 (H240945-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/29/2024	ND	432	108	400	3.77	
Sample ID: B - 90 (H240	945-02)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	02/29/2024	ND	432	108	400	3.77	
Sample ID: B - 91 (H240	945-03)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	02/29/2024	ND	432	108	400	3.77	
Sample ID: B - 92 (H240	945-04)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	02/29/2024	ND	432	108	400	3.77	

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Celey D. Keene



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/27/2024 Sampling Date: 02/22/2024

Reported: 03/01/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: 6684 Sample Received By: Dionica Hinojos

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 93 (H240945-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	688	16.0	02/29/2024	ND	432	108	400	3.77	
Sample ID: B - 94 (H24094	15-06)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	02/29/2024	ND	432	108	400	3.77	
Sample ID: B - 95 (H24094	15-07)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	02/29/2024	ND	432	108	400	3.77	
Sample ID: B - 96 (H24094	15-08)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	02/29/2024	ND	432	108	400	3.77	
Sample ID: B - 97 (H24094	15-09)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	02/29/2024	ND	432	108	400	3.77	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/27/2024 Sampling Date: 02/22/2024

Reported: 03/01/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: 6684 Sample Received By: Dionica Hinojos

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 98 (H240945-10)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	02/29/2024	ND	432	108	400	3.77	
Sample ID: B - 99 (H240	945-11)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	02/29/2024	ND	432	108	400	3.77	
Sample ID: B - 100 (H240	0945-12)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	02/29/2024	ND	432	108	400	3.77	
Sample ID: B - 101 (H240	0945-13)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	02/29/2024	ND	432	108	400	3.77	
Sample ID: B - 102 (H240	0945-14)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	02/29/2024	ND	432	108	400	3.77	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/27/2024 Sampling Date: 02/22/2024

Reported: 03/01/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: 6684 Sample Received By: Dionica Hinojos

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 103 (H240945-15)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	02/29/2024	ND	416	104	400	3.77	QM-07
Sample ID: B - 104 (H240	0945-16)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	02/29/2024	ND	416	104	400	3.77	

Sample ID: B - 105 (H240945-17)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	02/29/2024	ND	416	104	400	3.77	

Sample ID: B - 106 (H240945-18)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	02/29/2024	ND	416	104	400	3.77	

Sample ID: B - 107 (H240945-19)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	02/29/2024	ND	416	104	400	3.77	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/27/2024 Sampling Date: 02/25/2024

Reported: 03/01/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact Project Number: 6684 Sample Received By: Dionica Hinojos

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 108 (H24	0945-20)								
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	02/29/2024	ND	416	104	400	3.77	
Sample ID: B - 109 (H24	0945-21)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	02/29/2024	ND	416	104	400	3.77	
Sample ID: B - 110 (H24	0945-22)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: CT					

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	02/29/2024	ND	416	104	400	3.77	

Sample ID: B - 111 (H240945-23)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	02/29/2024	ND	416	104	400	3.77	

Sample ID: B - 112 (H240945-24)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/29/2024	ND	416	104	400	3.77	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/27/2024 Sampling Date: 02/22/2024

Reported: 03/01/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact Project Number: 6684 Sample Received By: Dionica Hinojos

Project Location: SILVERBACK - EDDY CO NM

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	02/29/2024	ND	416	104	400	3.77	
Sample ID: B - 114 (H24	0945-26)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	02/29/2024	ND	416	104	400	3.77	
Sample ID: B - 115 (H24	0945-27)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	02/29/2024	ND	416	104	400	3.77	
Sample ID: B - 116 (H24	0945-28)								
•	-	/kg	Analyze	d By: CT					
Sample ID: B - 116 (H24 Chloride, SM4500CI-B Analyte	-	/kg Reporting Limit	Analyze Analyzed	d By: CT Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	02/29/2024	ND	416	104	400	3.77	

Sample ID: B - 117 (H240945-29)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	02/29/2024	ND	416	104	400	3.77	

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Celey D. Keine



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/27/2024 Sampling Date: 02/22/2024

Reported: 03/01/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: 6684 Sample Received By: Dionica Hinojos

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 118 (H240945-30)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	1360	16.0	02/29/2024	ND	416	104	400	3.77	
Sample ID: B - 119 (H240	945-31)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	02/29/2024	ND	416	104	400	3.77	
Sample ID: B - 120 (H240	-	_							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	02/29/2024	ND	416	104	400	3.77	
Sample ID: B - 121 (H240	945-33)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	1440	16.0	02/29/2024	ND	416	104	400	3.77	
Sample ID: B - 122 (H240)945-34)								
Chloride, SM4500CI-B	mg	/ka	Analyze	d Bv: CT					

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	02/29/2024	ND	416	104	400	3.77	

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Celey D. Keine



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/27/2024 Sampling Date: 02/22/2024

Reported: 03/01/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: 6684 Sample Received By: Dionica Hinojos

Project Location: SILVERBACK - EDDY CO NM

2190

16.0

Sample ID: B - 123 (H240945-35)

Chloride

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	03/01/2024	ND	416	104	400	3.77	QM-07
Sample ID: B - 124 (H240	0945-36)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

416

104

400

3.77

03/01/2024

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Time: 1136 Date: /21/24

Received By:

Received By

Please hold the following samples pending initial results

Email resutts to: will@rangerenv.com

Fax Result: REMARKS: Phone Result:

☐ Yes

ON O

Add'l Phone #: Add'l Fax #:

Relinquished By

Relinquished By:

Sample RNPS6-RBus - Other:

15-T

Sample Condition
Cool Intact
Ares Ares
No No

CHECKED BY: (Initials)

Delivered By: (Circle One) 4.4

Time: Date:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

ompany ranne.	ranger Environmental Services, Inc.	nc.				BI	BILL TO					ANALYSIS REQUEST
roject Manager:	Will Klerdorf				P.O. #:				1			-
ddress:	PO Box 201179				Company:		Silverback Exploration	xnloration				
ity: Austin	State: TX		ip: 7	Zip: 78720	Attn: Mark Ritchie	ark Ri	tchie					
hone #: 512-28	512-289-3272 Fax #:	CI	12-3	512-335-0527	Address	: 108	Address: 108 S. 4th Street					
roject #: 6684	Project Owner:	ner:			City: Ar	Artesia						
roject Name: Da	Dayton Layflat Line						Zip: 88210					
roject Location:	Eddy County NA				Phone #					60		
ampler Name:	J. Mortinez / F. Rodriquez	230			Fax #:					X 82		
FOR LAB USE ONLY		-	\dashv	MATRIX	PRESERV	ERV.	SAMPLING	G		ВТЕ)	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# 0.01/E-1	GROUNDWATER WASTEWATER	OTHER: ACID/BASE: ICE / COOL	OTHER:	DATE	TIME	TPH: 8015 EXT	BTEX 8021B/5030 or	Chloride (300 or 4500	
	B-89	G	_	×		_	2/22/2024	0840			×	
l l	B-90	G	7	×	×		2/22/2024	0842			× ;	
·	B-91	G	-4	×	×		2/22/2024	0844			×	
4	B-92	G	_	×	×	N)	2/22/2024	0846			× ;	
V	B-93	G	-	×	×	N)	2/22/2024	0848			× ;	
46	B-94	G	1	×	×	N	2/22/2024	0852	1		× ;	
2	B-95	G	_	×	×	N	2/22/2024	0854			× ;	
000	B-96	G	_	×	×	N	2/22/2024	0856			× ;	
	B-97	G	_	×	×	N	2/22/2024	0900	1		× ;	
24	B-98	G	_	B-98 G 1 X 2/22/2024 0902	×	2	2/22/2024	0902	4		×	

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

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Company Name:	Ranger Environmental Services, Inc.	nc.				- 1	- 1	- 1	_		- 1			8	BILL TO		٦			SISA IVNV		- 1	미	ᆀ	BEOLIEST			
Project Manager:	Will Kierdorf									70	ŏ	P.O. #:	- 1				T	1	-		3	-	_[٦å	15	1	4	+
Address:	PO Box 201179						- 1		. 1	0	9	Company:	2		Silverback Exploration	voloration												
City: Austin	State: TX	15.	Zip: 78720	787	20					D	#		Mar	X Z	Attn: Mark Ritchie										_			_
Phone #: 512-28	512-289-3272 Fax #:	O1	512-335-0527	35-	052	17				Þ	dd	Address:		10	108 S. 4th Street	*												
Project #: 6684	Project Owner:	ner:								0	City:		Artesia	Si.													_	
Project Name:	Daylon Layflot Line									co	tat		S		Zip: 88210										_	_		_
Project Location:	County ,									0	ho	Phone #:	种	- 1				260							_	_		
Sampler Name: J	. Nor	i'su	2							TI	Fax #:	*	- 1					EX 82							_			_
FOR LAB USE ONLY		,		-	- 1		MATRIX	교	∀ ^	† I	70	PRESERV	SE	~	SAMPLING	VG.		or BTI	00)						_	_	_	_
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:		ICE / COOL	OTHER:	DATE	TIME	TPH: 8015 EXT	BTEX 8021B/5030 or	Chloride (300 or 450)									
-	B-99	G		-			×						-		2/22/2024	0840			×		4		4	-1	+	+	+	+
الع	B-100	G		-	-		×					2.1	×		2/22/2024	0842			×						-	+	+	+
v	B-101	G	_	_	-		×						×		2/22/2024	1024			×				-		+	+	+	
1	B-102	G		~			×						×		2/22/2024	1026			×				_		+	+	+	-
Ū	B-103	G	4	_			×						×		2/22/2024	1028			×				-		+	+	+	
6	B-104	G	4	_	_		×						×		2/22/2024	1030			×				-		+	-	+	+
į,	B-105	G	4	_	-	_	×						×		2/22/2024	0928			×				-		+	+	+	+
i o	B-106	G	-1	_	-		×						×		2/23/2024	0930			×				+		+	+	+	1
ā	B-107	G	7	_			×					~	×		2/24/2024	0932			×				-		+	+	+	1
PLEASE NOTE: Liability and Dam	B-108 B-108	G	4		_	_	×				$\overline{}$	×	^		2/25/2024	0934			×				-				-	
analyses. All claims including those for negligence and as- service. In no event shall Cardinal be liable for incidental affiliates or successors arising out of or related to the per Delinguish by Dev.	y and clients by other cause or consequent formance of a	try claim feemed w without li Cardinal,	arising valved mitation	wheti unless n, bus less o	mad iness	e in v	sed in contract e in writing and interruptions, k ther such claim	and and daim	or to recei	ved b	y Car or lot pon a	limite dinal dinal s of	with with	the and 30 since	mount paid by the completic days after completic urred by client, its suestated reasons or or stated reasons or	ilent for the on of the applicable obsidiaries, otherwise.								- 1	ŀ	-	1	ŀ
Q	2/27/24/2 Time: 17/2/2/2	-	B	B	1		1									Fax Result: REMARKS:	, li	□ Yes	N N	Add'l Phone #:	one #:							
Relinquished By:	Date:	20	Received By:	ved	By)	5	(1					77	Please hold the following samples pending initial results:	the foll	lowing s	amples pen	ding initial	esults:							
Delivered By: 10	4			1)														Email res	Email resutts to: will@rangerenv.com	@rai	ge	rer	2	mo			
SamplePRURS6-RBus - Other:	4.4:	1年	6		CS	Sample Condition Cool Intact Year Year No No	No In	Cond	Yes No	7 3		2	一言市	ECKED (Initials)	CHECKED BY: (Initials)						(8	ů,	Š	-	5			

101 East Marland, Hobbs, NM 88240

npany Name:	mpany Name: Ranger Environmental Services, Inc.	BILL TO	ANALYSIS REQUEST
	Marin Land		2000 1000
Ject Manager:	Ject Manager: Will Kierdorf	P.O. #:	
ress:	PO Box 201179	Company: Silverback Exploration	
: Austin	State: TX Zip: 78720	Attn: Mark Ritchie	

Will Kierdorf			# 0 g	44.			-			
			7.00	*						
PO Box 201179			Com		Silverback Ex	ploration				
State: TX	Zip	o: 78720	Attn:	Mark Rito	chie		_			
512-289-3272 Fax #:	512	2-335-0527	Addr	ess: 108 9	S. 4th Street					_
Project Own	er:		City:	Artesia						_
Dayton Layflat Line			State	M	ip: 88210					
ddy County NM			Phon					260		_
16	1.16	7	Fax #	ar				X 8		
	1		ŀ	RESERV	SAMPI IN	"	_	_		
	MP.							_		
Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS GROUNDWATER WASTEWATER SOIL	OIL SLUDGE OTHER: ACID/BASE:	ICE / COOL OTHER :	DATE	TIME				
B-109	G			×	/22/2024	-	\dashv	\dashv		
B-110	G				/22/2024	0938	+	×		
B-111	G	×		× 2	/22/2024	0940	+	×		
B-112	G	×		× 2	/22/2024	0942	-	×		
B-113	G			× 2	/22/2024	1010	-	×		
B-114	G	×		×	/22/2024	1012		×		
B-115	G	1 ×		×	/22/2024	1014		×		
B-116	G	1 ×		×	/22/2024	1016	-	×		
B-117	G	٠ ×		× 2	/22/2024	1018	+	×		
B-118	G	1 ×		×	/22/2024	1020		×		
SER NOTE: Libberty and Dimbges. Cardona's liability and client's exclusive remody for an ese. All claims including those for regigence and any other cause whatsoever shall be do e. in no event shall Cardona be liable for incidental or consequental damages, including a serior successors arising out of or related to the performance of services becaused by C.	y claim ari emed wak ithout limit srdinal, reg	sing whether based in c wed unless made in writ ration, business interrup gardless of whether suc	contract or tort, shall be in ting and received by Card Mors, loss of use, or loss th claim is based upon are	irrited to the amo inal within 30 day of profits incurre to of the above st	unt paid by the clie is after completion id by client, its sub-	of the applicable sidiaries.	ł			
Date: 27/2	Rec	eived By:			0	hone Result		0		
		M.	}		ור על	EMARKS:	0			
Date:	R90	eived By.			2	ease hold the	follow	ing samples	pending initial results:	
Delivered By: (Circle One)		Sample		CHECKED	BY:			Email	resutls to: will@rang	erenv.com
	City: Austin City: Austin Phone #: 512-289-3272 Phone #: 512-289-3272 Project #: 6684 Project Name: Daylon Layflat Line Project Location: Eddy County MM Sampler Name: T. Martinez / F. Ra B-110 B-111 B-112 B-113 B-114 B-115 B-118 B-119 B-118 B-119 B-119 B-119 B-119 B-119 B-119 B-119 B-110 B-111 B-111 B-112 B-113 B-113 B-113 B-114 B-115 B-116 B-117 B-118 B-118 B-118 B-119 B-1	State: TX Zip 2 Fax #: 51: Project Owner: n Layflat Line y County MM Yarting From Line B-1109 B-109 B-111 B-111 B-112 B-112 B-113 B-114 B-115 B-116 B-118 G B-118 G G G G G G G G G G G G G	State: TX Zip: 78720 2 Fax #: 512-335-0527 Project Owner: A County AM Yarring Flat Line Yarring Flat Line Project Owner: Project Owner: Project Owner: Project Owner: Project Owner: One State: TX Zip: 78720 MATR AB A STATABO AND A STATE GO COUNTY AM B-110 B-110 B-111 B-111 B-111 B-111 B-111 B-112 G 1 X B-113 G 1 X B-114 G 1 X B-115 G 1 X B-115 B-116 G 1 X B-117 G 1 X B-118 G 1 X B-118 B-119 G 1 X B-119 B-119 G 1 X Sample Co Cool. Inta Cool	Sample I.D. State: TX Zip: 78720 Addr	State: TX Zip: 78720 Attn: Mark Ritt	Company: Silverback State: TX Zip: 78720 Attn: Mark Ritchie	State: TX Zip: 78720 Attn: Mark Ritchie	State: TX Zip:78720 Attn: Mark Ritchie	Policable Compared to Comp	TPH: 8015 EXT BTEX 8021B/5030 or BTEX 8260

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

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Company Name:	Ranger Environmental Services, Inc.	ņ			- 1	- 1	- 1	- 1	- 1				6	BILL TO			1		ANAI VCIC		51	ŧΙ	10		
Project Manager:	Will Kierdorf									O.	P.O. #:	*						-	7		45	13	ארשטבטו		
Address:	PO Box 201179									0	Company:	oan	:	Silverback Exploration	xploration				_	_					
City: Austin	State: TX		Zip: 78720	787	20					A	5	2	泉	Attn: Mark Ritchie					_	_					
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Project #: 6684	Project Owner:	er:								0	City:			ш				_			_				
Project Name:	baylon layflat Line							- 1		St	State: NM		<	Zip: 88210				_			_				_
Project Location:	County									P	Phone #:	#					260			_					
Sampler Name:		بزور	ez	,						Fax #:	*						EX 82	_		_					
FOR LAB USE ONLY		٩	-	\dashv	- 1	-	MATRIX	굊			몱	ES	PRESERV	SAMPLING	ရ		ВТЕ	0)		_					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:		TIME	TPH: 8015 EXT	BTEX 8021B/5030 or	Chloride (300 or 4500							
2	B-119	G	_	->	-		×					×		2/22/2024				×		+	+	- 1	+	1	1
180	B-120	G	-	-			×					×		2/22/2024	1022			×		+	-		1		
20.0	B-121	G	4	_	-		×				117	×		2/22/2024	1024			×	1	+	-		1		1
724	B-122	0		-	-		×					×		2/22/2024	1026			×		1	+				
U.	B-123	G	_	-			×				4	×		2/22/2024	1028			×		1	+				
Me	B-124	G			-		×					×		2/22/2024	1030			×			++				
STATE LIABILITY and Date	PEASE NOTE: Liability and Damanas Cardesis liability and distributed distribut											CENTER OF THE													
device. In no event shall cardinal be liable for incidental filiates or successors arising out of or related to the per	service. In no event shall Cardinal be liable for incidental or consequents damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Delinquise how Delinguise how the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	emed w. ithout lin ardinal, r.	waived unless mad limitation, business regardless of whe	bus bus	mad iness f whe	e in w intern	riting uption uch d	and re s, loss aim is	s of u	d by	Cardi loss	of th	thin 3 fits in	e in writing and received by Cardinal within 30 days after completion interruptions, loss of use, or loss of profits incurred by client, its aub- ther such claim is based upon any of the above stated reasons or of	of the applicable sidiaries, herwise.										
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March 01, 2024

WILL KIERDORF

RANGER ENVIRONMENTAL SERVICES, INC.

PO BOX 201179

AUSTIN, TX 78729

RE: DAYTON LAYFLAT LINE

Enclosed are the results of analyses for samples received by the laboratory on 02/27/24 11:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/27/2024 Sampling Date: 02/22/2024

Reported: 03/01/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: 6684 Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: SILVERBACK - EDDY CO NM

mg/kg

Sample ID: TP 23 - 04/6' (H240946-01)

BTEX 8021B

DILX 0021D	ilig	/ Ng	Allalyze	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.07	103	2.00	8.99	
Toluene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	8.91	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.20	103	6.00	8.44	
Total BTEX	<0.300	0.300	02/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	03/01/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	187	93.4	200	0.797	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	174	86.8	200	0.839	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/27/2024 Sampling Date: 02/22/2024

Reported: 03/01/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: 6684 Sample Received By: Dionica Hinojos

Project Location: SILVERBACK - EDDY CO NM

Sample ID: TP 23 - 04/8' (H240946-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.07	103	2.00	8.99	
Toluene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	8.91	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.20	103	6.00	8.44	
Total BTEX	<0.300	0.300	02/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	03/01/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	187	93.4	200	0.797	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	174	86.8	200	0.839	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/27/2024 Sampling Date: 02/22/2024

Reported: 03/01/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: 6684 Sample Received By: Dionica Hinojos

Project Location: SILVERBACK - EDDY CO NM

Sample ID: TP 23 - 05/6' (H240946-03)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.07	103	2.00	8.99	
Toluene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	8.91	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.20	103	6.00	8.44	
Total BTEX	<0.300	0.300	02/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/01/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	187	93.4	200	0.797	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	174	86.8	200	0.839	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	18						

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Celey D. Keene



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/27/2024 Sampling Date: 02/22/2024

Reported: 03/01/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: 6684 Sample Received By: Dionica Hinojos

Applyzod By: 14

Project Location: SILVERBACK - EDDY CO NM

Sample ID: TP 23 - 05/10' (H240946-04)

RTFY 8021R

SIEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.07	103	2.00	8.99	
Toluene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	8.91	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	9.09	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.20	103	6.00	8.44	
Total BTEX	<0.300	0.300	02/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/01/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2024	ND	187	93.4	200	0.797	
DRO >C10-C28*	<10.0	10.0	02/28/2024	ND	174	86.8	200	0.839	
EXT DRO >C28-C36	<10.0	10.0	02/28/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Sample PRURS 6-RBus - Other:

Sample Condition
Cool Intact
Pres Pres
No No

CHECKED BY: (Initials)

Email resutts to: will@rangerenv.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Delivered By: (Circle One) 4.4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476



March 05, 2024

WILL KIERDORF

RANGER ENVIRONMENTAL SERVICES, INC.

PO BOX 201179

AUSTIN, TX 78729

RE: DAYTON LAYFLAT LINE

Enclosed are the results of analyses for samples received by the laboratory on 02/29/24 16:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Jacinda Lynn Hatfiled For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/29/2024 Sampling Date: 02/29/2024

Reported: 03/05/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: ** (See Notes)

Project Number: Sample Received By: Shalyn Rodriguez

Project Location: SILVERBACK - EDDY CO NM

Sample ID: W - 1 (H241027-01)

Chloride, SM4500Cl-B mg/kg		Analyze	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	432	108	400	0.00	

Sample ID: W - 2 (H241027-02)

Chloride, SM4500Cl-B mg/kg			Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	432	108	400	0.00	

Sample ID: W - 3 (H241027-03)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/04/2024	ND	448	112	400	0.00	

Sample ID: W - 4 (H241027-04)

Chloride, SM4500Cl-B mg/kg		Analyze	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/04/2024	ND	448	112	400	0.00	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/29/2024 Sampling Date: 02/29/2024

Reported: 03/05/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: ** (See Notes)

Project Number: Sample Received By: Shalyn Rodriguez

Project Location: SILVERBACK - EDDY CO NM

Sample ID: W - 5 (H241027-05)

Chloride, SM4500CI-B	500Cl-B mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/04/2024	ND	448	112	400	0.00	

Sample ID: W - 6 (H241027-06)

Chloride, SM4500Cl-B mg/kg		Analyze							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	448	112	400	0.00	

Sample ID: W - 7 (H241027-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	Chloride	<16.0	16.0	03/04/2024	ND	448	112	400	0.00	

Sample ID: W - 8 (H241027-08)

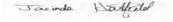
Chloride, SM4500Cl-B mg/kg		Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	448	112	400	0.00	

Sample ID: W - 9 (H241027-09)

Chloride, SM4500Cl-B mg/kg		Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	448	112	400	0.00	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/29/2024 Sampling Date: 02/29/2024

Reported: 03/05/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: ** (See Notes)

Project Number: Sample Received By: Shalyn Rodriguez

Project Location: SILVERBACK - EDDY CO NM

Sample ID: W - 10 (H241027-10)

Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	448	112	400	0.00	

Sample ID: W - 11 (H241027-11)

Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	448	112	400	0.00	

Sample ID: W - 12 (H241027-12)

Chloride, SM4500Cl-B mg/kg		Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	448	112	400	0.00	

Sample ID: W - 13 (H241027-13)

Chloride, SM4500Cl-B mg/kg		Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	448	112	400	0.00	

Sample ID: W - 14 (H241027-14)

Chloride, SM4500CI-B mg/kg		/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	448	112	400	0.00	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/29/2024 Sampling Date: 02/29/2024

Reported: 03/05/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: ** (See Notes)

Project Number: Sample Received By: Shalyn Rodriguez

Project Location: SILVERBACK - EDDY CO NM

Sample ID: W - 15 (H241027-15)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/04/2024	ND	448	112	400	0.00	
Sample ID: W - 16 (H241	027-16)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	448	112	400	0.00	
Sample ID: W - 17 (H241	027-17)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/04/2024	ND	448	112	400	0.00	
Sample ID: W - 18 (H241	027-18)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/04/2024	ND	448	112	400	0.00	
Sample ID: W - 19 (H241	027-19)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/04/2024	ND	448	112	400	0.00	

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Jacindo Caffeld



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/29/2024 Sampling Date: 02/29/2024

Reported: 03/05/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: ** (See Notes)

Project Number: Sample Received By: Shalyn Rodriguez

Project Location: SILVERBACK - EDDY CO NM

Sample ID: W - 20 (H241027-20)

Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	448	112	400	0.00	

Sample ID: W - 21 (H241027-21)

Chloride, SM4500Cl-B	oride, SM4500Cl-B mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	448	112	400	0.00	

Sample ID: W - 22 (H241027-22)

Chloride, SM4500Cl-B mg/kg		'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	448	112	400	0.00	

Sample ID: W - 23 (H241027-23)

Chloride, SM4500Cl-B mg/kg		Analyze	d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	432	108	400	0.00	

Sample ID: W - 24 (H241027-24)

Chloride, SM4500Cl-B mg/kg		Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	432	108	400	0.00	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/29/2024 Sampling Date: 02/29/2024

Reported: 03/05/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: ** (See Notes)

Project Number: Sample Received By: Shalyn Rodriguez

Project Location: SILVERBACK - EDDY CO NM

Sample ID: W - 25 (H241027-25)

Chloride, SM4500Cl-B	loride, SM4500Cl-B mg/kg		Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	432	108	400	0.00	

Sample ID: W - 26 (H241027-26)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	432	108	400	0.00	

Sample ID: W - 27 (H241027-27)

Chloride, SM4500CI-B	mg/kg		Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/04/2024	ND	432	108	400	0.00	

Sample ID: W - 28 (H241027-28)

Chloride, SM4500Cl-B	SM4500Cl-B mg/kg		Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/04/2024	ND	432	108	400	0.00	

Sample ID: B - 125 (H241027-29)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	03/04/2024	ND	432	108	400	0.00	

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400

0.00

Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/29/2024 Sampling Date: 02/29/2024

Reported: 03/05/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: ** (See Notes)

Project Number: Sample Received By: Shalyn Rodriguez

Project Location: SILVERBACK - EDDY CO NM

912

16.0

Sample ID: B - 126 (H241027-30)

Chloride, SM4500CI-B	mg	mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	03/04/2024	ND	432	108	400	0.00	
Sample ID: B - 127 (H241	1027-31)								
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

432

108

Sample ID: B - 128 (H241027-32)

Chloride

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	03/04/2024	ND	432	108	400	0.00	

03/04/2024

Sample ID: B - 129 (H241027-33)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	03/04/2024	ND	432	108	400	0.00	

Sample ID: B - 130 (H241027-34)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	03/04/2024	ND	432	108	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/29/2024 Sampling Date: 02/29/2024

Reported: 03/05/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: ** (See Notes)

Project Number: Sample Received By: Shalyn Rodriguez

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 131 (H241027-35)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	03/04/2024	ND	432	108	400	0.00	
Sample ID: B - 132 (H24	1027-36)								
Sample ID: B - 132 (H24 Chloride, SM4500Cl-B	1027-36) mg	/kg	Analyze	d By: HM					
•	-	/kg Reporting Limit	Analyze Analyzed	d By: HM Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Sample ID: B - 133 (H241027-37)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	03/04/2024	ND	432	108	400	0.00	

Sample ID: B - 134 (H241027-38)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	03/04/2024	ND	432	108	400	0.00	

Sample ID: B - 135 (H241027-39)

Chloride, SM4500Cl-B	loride, SM4500Cl-B mg		Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	03/04/2024	ND	432	108	400	0.00	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/29/2024 Sampling Date: 02/29/2024

Reported: 03/05/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: ** (See Notes)

Project Number: Sample Received By: Shalyn Rodriguez

Project Location: SILVERBACK - EDDY CO NM

832

16.0

Sample ID: B - 136 (H241027-40)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	03/04/2024	ND	432	108	400	0.00	
Sample ID: B - 137 (H24	1027-41)								
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

432

108

400

0.00

Sample ID: B - 138 (H241027-42)

Chloride

Chloride, SM4500Cl-B	/kg	Analyze	d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	03/04/2024	ND	432	108	400	0.00	

03/04/2024

Sample ID: B - 139 (H241027-43)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	03/04/2024	ND	416	104	400	7.41	

Sample ID: B - 140 (H241027-44)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	03/04/2024	ND	416	104	400	7.41	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/29/2024 Sampling Date: 02/29/2024

Reported: 03/05/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: ** (See Notes)

Project Number: 6684 Sample Received By: Shalyn Rodriguez

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 141 (H241027-45)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	03/04/2024	ND	416	104	400	7.41	

Sample ID: B - 142 (H241027-46)

Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	03/04/2024	ND	416	104	400	7.41	

Sample ID: B - 143 (H241027-47)

Chloride, SM4500Cl-B	/kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	03/04/2024	ND	416	104	400	7.41	

Sample ID: B - 144 (H241027-48)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	03/04/2024	ND	416	104	400	7.41	

Sample ID: B - 145 (H241027-49)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	03/04/2024	ND	416	104	400	7.41	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/29/2024 Sampling Date: 02/29/2024

Reported: 03/05/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: ** (See Notes)

Project Number: 6684 Sample Received By: Shalyn Rodriguez

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 146 (H241027-50)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	03/04/2024	ND	416	104	400	7.41	
Sample ID: R - 147 (H24:	1027-51\								

Sample ID: B - 147 (H241027-51)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1780	16.0	03/04/2024	ND	416	104	400	7.41	

Sample ID: B - 148 (H241027-52)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	03/04/2024	ND	416	104	400	7.41	

Sample ID: B - 149 (H241027-53)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	03/04/2024	ND	416	104	400	7.41	

Sample ID: B - 150 (H241027-54)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	03/04/2024	ND	416	104	400	7.41	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/29/2024 Sampling Date: 02/29/2024

Reported: 03/05/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: ** (See Notes)

Project Number: 6684 Sample Received By: Shalyn Rodriguez

Project Location: SILVERBACK - EDDY CO NM

944

16.0

Sample ID: B - 151 (H241027-55)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	03/04/2024	ND	416	104	400	7.41	
Sample ID: B - 152 (H241	.027-56)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

416

104

Sample ID: B - 153 (H241027-57)

Chloride

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	03/04/2024	ND	416	104	400	7.41	

03/04/2024

Sample ID: B - 154 (H241027-58)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/04/2024	ND	416	104	400	7.41	

Sample ID: B - 155 (H241027-59)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/04/2024	ND	416	104	400	7.41	

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Jacinda Lynn Hatfiled For Celey D. Keene, Lab Director/Quality Manager

7.41

400



400

7.41

Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/29/2024 Sampling Date: 02/29/2024

Reported: 03/05/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: ** (See Notes)

Project Number: Sample Received By: Shalyn Rodriguez

Project Location: SILVERBACK - EDDY CO NM

64.0

16.0

Sample ID: B - 156 (H241027-60)

Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/04/2024	ND	416	104	400	7.41	
Sample ID: B - 157 (H241	.027-61)								
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

416

104

Sample ID: B - 158 (H241027-62)

Chloride

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/04/2024	ND	416	104	400	7.41	

03/04/2024

Sample ID: B - 159 (H241027-63)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/04/2024	ND	432	108	400	0.00	

Sample ID: B - 160 (H241027-64)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/04/2024	ND	432	108	400	0.00	

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Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 02/29/2024 Sampling Date: 02/29/2024

Reported: 03/05/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: ** (See Notes)

Project Number: Sample Received By: Shalyn Rodriguez

Project Location: SILVERBACK - EDDY CO NM

Sample ID: B - 161 (H241027-65)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	03/04/2024	ND	432	108	400	0.00	

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Jacondo Hatteld

Jacinda Lynn Hatfiled For Celey D. Keene, Lab Director/Quality Manager

Page 15 of 23



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Jacordo Haffeld

Jacinda Lynn Hatfiled For Celey D. Keene, Lab Director/Quality Manager

Page 16 of 23

Relinquished By:

Time: LUO S

Fax Result: REMARKS:

☐ Yes

O No

Add'l Phone #: Add'l Fax #:

Please hold the following samples pending initial results

Email resutts to: will@rangerenv.com

Time:

Sample RURS 6-RBus - Other: Delivered By: (Circle One) Relinquished By:

service. In no event shall Cardinal be liable for incidental

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

(0.0) 000 000		VM 1112	ANALYSIS REQUEST
Company Name: Ranger Environmental Services, Inc.	10.	BILL 10	
Project Manager: Will Kierdorf		P.O. #:	
Address: PO Box 201179		Company: Silverback Exploration	
City: Austin State: TX	(Zip: 78720	Attn: Mark Ritchie	
Φ	512-335-0527	Address: 108 S. 4th Street	
	ner:	City: Artesia	
ă I		State: NM Zip: 88210	
1		Bh030 #:	260
Project Location: Eddy County, NM		rnone #:	X 8:
Sampler Name: J.Martinez & F. Rodriguez		Fax #:	_
FOR LAB USE ONLY	MATRIX	X PRESERV. SAMPLING	
Lab I.D. Sample I.D.	G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TPH: 8015 EXT BTEX 8021B/5030 Chloride (300 or 4
1.m	_ #	×	×
W-2	G 1	X 2/29/2024 0814	×
	G 1	X 2/29/2024 0820	×
W.4	6 1 ×	X 2/29/2024 0822	×
∆ -5	G 1	X 2/29/2024 0824	×
W-6	G 1	X 2/29/2024 0826	×
Y-7	G 1	X 2/29/2024 0828	×
	G 1	X 2/29/2024 0834	×
9 W-9	G 1	X 2/29/2024 0836	
6 W-10	G 1 ×	X 2/29/2024 0838	×
and Damages, Cardinal's liab	for any claim arising whether based in contri	ility and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the	

CHECKED BY:

Relinquished By

Relinquished By:

Date: V

Received By

Phone Result: Fax Result: REMARKS:

□ Yes

O O No

Add'l Phone #: Add'l Fax #:

Please hold the following samples pending initial results:

Delivered By: (Circle One)
Sample@RURS6-RBus - Other:

U.5:

Sample Condition
Cool Intact

Yes Yes
No No No

CHECKED BY:

CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

01 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:	Ranger Environmental Services, Inc.	s, Inc.				BILL TO	0	_			ANALYSIS REQUEST
Project Manager:	Will Kierdorf				P.O. #:			\forall	\exists		
Address:	PO Box 201179				Company:		Silverback Exploration	3			
City: Austin	State:	TX Z	ip: 7	Zip: 78720	Attn: M	Attn: Mark Ritchie					
Phone #: 512-28	512-289-3272 Fax #:	S)	12-3	512-335-0527	Address	Address: 108 S. 4th Street	Street				
Project #: 6684	Project Owner:	Owner:			City: Artesia	rtesia					
Project Name: Da	Dayton Layflat Line				State: NM	Zip:	88210				
Project Location:	Eddy County, NM				Phone #:				3260		
Sampler Name:	J.Martinez & F. Rodriguez				Fax #:				EX 8		
FOR LAB USE ONLY			-	MATRIX	PRESERV		SAMPLING		r BT	00)	
Lab I.D. H241027	Sample I.D.	(C)DAR OR (O)OMB	(G)RAB OR (C)OMP. # CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL	OTHER:	TIME	TPH: 8015 EXT	BTEX 8021B/5030 o	Chloride (300 or 450	
11	W-11	_	G 1	×			2024 0844			×	
12	W-12	_	G 1	×	×	2/29/2024	2024 0846		1	×	
(3	W-13	_	ດ 1	×	×	2/29/2024	2024 0900			×	
14	W-14	•	G 1	×	×	2/29/2024	2024 0912			×	
15	W-15		G 1	×	×	2/29/2024	2024 0914	1	1	×	
16	W-16		G 1	×	×	2/29/2024	2024 0916	٦	1	×	
17	W-17	0	G 1	×	×	2/29/2024	2024 0918	1	1	×	
18	W-18	_	G 1	×	×	2/29/2024	2024 0920		7	×	
19	W-19	_	G 1	×	×	2/29/2024	024 0922			×	
7	W-20	_	G 1	×	×	2/29/2024	024 0924		7	×	

Email resutts to: will@rangerenv.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

41

Relinquished By

Date; 24/24

Received By:

Fax Result:

Phone Result:

□ Yes

O No

Add'l Phone #: Add'l Fax #:

Please hold the following samples pending initial results

Email resutts to: will@rangerenv.com

Relinquished By:

Sample PRINTS - Other: Delivered By: (Circle One)

18:0

Time: Date: SORMILL

Received By:



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of

Page 19 of 23

(575) 393-2326 FAX (575) 393-2476

		I	I	١	I	I	I	I	1	I	I				1	I		
Company Name:	Ranger Environmental Services, Inc.	Inc.							Г			B	BILL 10					ANALYSIS REQUEST
Project Manager:	Will Kierdorf								P.O.	0. #:	**							
Address:	PO Box 201179								င္ပ	3	Company:	y:	Silverback Exploration	xploration				
City: Austin	State:	TX ZI	Zip: 78720	720					At	Attn:		ark	Mark Ritchie					
Phone #: 512-28	512-289-3272 Fax #:	51	512-335-0527	5-05	27				Ad	dre	SSE	1	Address: 108 S. 4th Street					
Project #: 6684	Project Owner:	wner:							Ö	City:		Artesia	30					
Project Name: Da	Dayton Layflat Line								St	ate	State: NM	3	Zip: 88210			1		
Project Location:	Eddy County, NM								Ph	9	Phone #:					8260		
Sampler Name:	J.Martinez & F. Rodriguez								Fa	Fax #						EX		
FOR LAB USE ONLY		,	\dashv	П	_	MATRIX	문			꾸	- ŝ	PRESERV.	/ SAMPLING	iG		or B1	500)	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	TPH: 8015 EXT	BTEX 8021B/5030	Chloride (300 or 45	
2	W-21	G				×					×	^	2/29/2024	0926			×	
ch	W-22	G	7			×					×	^	2/29/2024	0928			×	
יול	W-23	G	7			×					×	^	2/29/2024	0930			×	
24	W-24	G				×					×	_	2/29/2024	0932			×	
84	W-25	G				×					×	^	2/29/2024	0936			×	
26	W-26	G				×					×		2/29/2024	0938			×	
27	W-27	G				×					×		2/29/2024	0940			×	
28	W-28	G	-7			×					×		2/29/2024	0942			×	
96	B-125	G				×					×	^	2/29/2024	1010			×	
81	B-126	G				×					×		2/29/2024	1012			×	

CHECKED BY:

Sample PRUPS 6-RELIS - Other:

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

	(575) 393-2326 FAX (5/5) 393-24/6	(5/5) 393-	24/0		ı	L	ı	L	L	J	L	1				١	١	١		1		- 1	1	1			
ompany Name:	Ranger Environmental Services, Inc.	Services, Inc	**										BI	BILL TO					,	NAL	ANALYSIS		18	REQUEST	1	-	1
roject Manager:	Will Kierdorf										P.C	P.O. #:	"														
ddress:	PO Box 201179										S	큠	Company:	Silverback Exploration	xploration		_	_								_	_
ity: Austin		State: TX	Zij	Zip: 78720	372	0					Att	2	Attn: Mark Ritchie	tchie											_	_	_
#	512-289-3272 F	Fax #:	51:	512-335-0527	5-0	527	7		1		Ad	dre	Address: 108	108 S. 4th Street												_	_
roject #: 6684	9	Project Owner:									City:	×	Artesia											_			
ime:	Dayton Layflat Line										Sta	te	State: NM	Zip: 88210)	_						_	_		
9	Eddy County, NM										Ph	9	Phone #:				8260										_
	· · · · · · · · · · · · · · · · · · ·										T C	#					EX							_	_	_	_
ampler Name:	J.Martinez & F. Rodriguez	uez	1	1	1	П				L	Fax #:	14		2 1 101 1	1		3TE	1							_		_
FOR LAB USE ONLY				-	т	+ 1	3	MATRIX	RIX			PR	PRESERV	SAMPLING	G		or B	(00						_			_
Lab I.D.	Sample I.D.	•	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	7117,000,000	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	TPH: 8015 EXT	BTEX 8021B/5030 d	Chloride (300 or 45									
3/	B-127		G		_			×					×	2/29/2024	1014			×						-		_	
ii.	B-128		G	-	_			×					×	2/29/2024	1016		L	×								-	-
) זע טי	B-129		G	-	_	-		×					×	2/29/2024	1018			×									-
20	B-130		G	-	->	-		×					×	2/29/2024	1020			×						_			H
N.	B-131		G		-	_		×					×	2/29/2024	1032			×						_			-
24 8	B-132		G	-	_			×					×	2/29/2024	1034			×									-
N.	B-133		G	-	_	-		×					×	2/29/2024	1036			×		191						-	-
36	B-134		G					×					×	2/29/2024	1038			×					+	-		-	-
200	B-135		G		~			×					×	2/29/2024	1040			×						-			-
3	B-136		G	-	_			×					×	2/29/2024	1042			×				Г	H	L		L	H
LEASE NOTE: Liability and I nalyses. All claims including the prvice. In no event shall Cardi	EASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the talyses. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cerdinal within 30 days after competion of the applicability and cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by Cerdinal to a based made and the above stated resoons or otherwise.	xclusive remedy for whatsoever shall be d damages, including	any claim deemed without	arisin walved limitati	g whe	ther t	de in	in co writin	ntract g and grs, l	or to	use,	y Car	limited to the dinal within 3 as of profits in the above.	amount paid by the 0 days after comple scurred by client, its	client for the tion of the applicabl subsidiaries, or otherwise.			, N									
Relinquished By:	filiates or successors arising out of or related to the performance of se Relinquished By:	Date:	- 8	Received By:	ive	O B	Y:	- Page	Cent	8	900	3	any or one and	שניין ישוויין שישפער שניין מין אין אין שטאיס אישאפיין אישאפיין אין אין אין אין אין אין אין אין אין	Phone Result:	ult:	□ Yes	0	No	Add'I	Add'l Phone #:	*					
0		5000			00	R	60	7	2		7	2	leane	8	Fax Result: REMARKS:		□ Yes		No	Add'l	Add'l Fax #:						
Relinquished By:		Date:	20	Received By:	ive	d B	*					0	(3	Please hold the following samples pending initial results:	the fol	lowing s	amples	spend	ing init	al resu	S					
		Time:							1									Emai	resu	tls to:	Email resutts to: will@rangerenv.com	range	ren	V.COI	3		
Delivered By: (Circle One)	(Circle One))	+		-	S	Sample Condition	ple	င္ပ	dit	on		CHEC	CHECKED BY:													

Page 20 of 23

Relinquished By:

Date: Sogil L

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Sample FURS - Other: Delivered By: (Circle One)

U.3:

Sample Condition
Cool Intact
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No No

CHECKED BY:

Relinquished By

Date | 29 | 28

Received By

Phone Result: Fax Result: REMARKS:

☐ Yes

No No

Add'l Phone #: Add'l Fax #:

Please hold the following samples pending initial results

Email resutts to: will@rangerenv.com

101 East Marland, Hobbs, NM 88240 aboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476

Company Name:	Ranger Environmental Services, Inc.	C.											31	BILL TO					ANALYSIS REQUEST
Project Manager:	Will Kierdorf								9	P.O.	#								
Address:	PO Box 201179								O	Ħ	Company:	JY:		Silverback Exploration	ploration				
City: Austin	State: TX		Zip: 78720	720					A	5	2	lark	D	Attn: Mark Ritchie					
Phone #: 512-28	512-289-3272 Fax #:	51	-33	512-335-0527	27				A	宀	ess		80	Address: 108 S. 4th Street					
Project #: 6684	Project Owner:	er:							0	City:		Artesia	<u>m</u>						
Project Name: Da	Dayton Layflat Line								S	ate	State: NM	Ē	12	Zip: 88210					
Project Location:	Eddy County, NM								P	Į	Phone #:	.17					3260		
Sampler Name:	J.Martinez & F. Rodriguez								T	Fax #:							EX 8		
FOR LAB USE ONLY		\dashv	\dashv			MATRIX	공 X		1 1	P	PRESERV	m	?	SAMPLING	ω		r BT	00)	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL		OTHER:	DATE	TIME	TPH: 8015 EXT	BTEX 8021B/5030 o	Chloride (300 or 450	
112	B-137	G	_			×					_	×		2/29/2024	1044			×	
42	B-138	G	_			×					×	^		2/29/2024	1046			×	
43	B-139	G	_			×					V	×		2/29/2024	1100			×	
44	B-140	G	_			×					×	^		2/29/2024	1102			×	
24	B-141	G	_			×					×	^		2/29/2024	1104			×	
24	B-142	G				×					×	^		2/29/2024	1106			×	
44	B-143	G	_			×					×	^		2/29/2024	1108			×	
84	B-144	G	_			×					×	^	_	2/29/2024	1110			×	
94	B-145	G				×					×	^		2/29/2024	1114			×	
8	B-146	ഒ	_			×				\neg	×		4	2/20/2024	1118			×	

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Page 21 of 23

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analyses. All claims including those for regilgence and any other causa whatsoever shall be deemed walved un service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, *LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim

waived unless made in writing and received by Cardinal within limitation, business interruptions, loss of use, or loss of profits

rether based in contract or tort, shall be limited to the amount paid by the client for the

30 days after completion of the applicable

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2/29/2024 2/29/2024 2/29/2024 2/29/2024 2/29/2024 2/29/2024 2/29/2024 2/29/2024 2/29/2024

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(575) 393-2326 FAX (575) 393-2476	93-247	6																	
Company Name:	Ranger Environmental Services, Inc.	Inc.	1			- 1	- 1		- 1	_				8	BILL TO				ANALYSIS REQUEST	Ш
Project Manager:	Will Kierdorf									_	P.O.	#								_
Address:	PO Box 201179									_	or	Company:	ny		Silverback Exploration					
City: Austin	State:	TX Z	Zip: 78720	787	20					_	Attn:		≥ a	조	Mark Ritchie					
Phone #: 512-2	512-289-3272 Fax #:	5	512-335-0527	35	052	27					do	Address: 108 S.	S	10	S. 4th Street					_
Project #: 6684	Project Owner:	wner:								-	3	City: Artesia	3	esia						
Project Name: D	Dayton Layflat Line									10	Sta	State: NM	Z	>	Zip: 88210)			_
Project Location:	Eddy County, NM									-	ਨੁੱ	Phone #:	*				8260			_
Sampler Name:	J.Martinez & F. Rodriguez									_	Fax #:	#					ΓEX			
FOR LAB USE ONLY		OMD.					MATRIX	코	×	_		PRESERV	SE	R	SAMPLING	т	030 or B	or 4500)		
Lab I.D.	Sample I.D.	(0)040 00 (0)0	(G)RAB OR (C)C	# CONTAINERS	GROUNDWATE	WASTEWATER	SOIL	OIL	SLUDGE		OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE TIME	TPH: 8015 EXT	BTEX 8021B/50	Chloride (300 o		
57	B-147		0	-			×			_			×		2/29/2024 1120			×		
SS	B-148		G	-			×						×		2/29/2024 1122			×		
53	B-149		G	-			×						×		2/29/2024 1124			×		
45	B-150		G	->			×			_			×		2/29/2024 1126			×		
23	B-151		ດ				×						×		2/29/2024 1140			×		
25	B-152		മ				×						×		2/29/2024 1142			×		
57	B-153		G	-			×			_			×		2/29/2024 1144			×		
85	B-154		ଜ				×			-			×		2/29/2024 1146			×		
539	B-155		G	-7			×				_		×		2/29/2024 1148			×		

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6 of 7 Page 22 of 23

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476

Company Name:	Ranger Environmental Services, Inc.	,								300				8/	BILL TO					Α	NAL	ANALYSIS		REQUEST	EST			
Project Manager:	Will Kierdorf									701	P.O. #:	#					4	_	_						-			
Address:	PO Box 201179									0	OTT	pa	Company:		Silverback Exploration	ploration											_	
City: Austin	State: TX	Zi	Zip: 78720	872	Ö					A	Attn:	-	Mar	Z	Mark Ritchie													
Phone #: 512-2	512-289-3272 Fax #:	51	512-335-0527	35-0	052	7				A	dd	res	S	108	Address: 108 S. 4th Street			_						_	_			
Project #: 6684	Project Owner:	er:								0	City:		Artesia	8			_			_								
ame:	Dayton Layflat Line									co	tat	œ.	State: NM		Zip: 88210		_)										
=	Eddy County, NM									ס	Phone #:	ne	*				_	8260		_			_	_		_		
Sampler Name:	J.Martinez & F. Rodriguez									П	Fax #	*						ΓEX						_	_	_		
FOR LAB USE ONLY		IP.			_		MATRIX	교		-	77	- R	PRESERV.	RV.	SAMPLING	G			4500)								_	
Lab I.D. H241027	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:		ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	TPH: 8015 EXT	BTEX 8021B/5030 o	Chloride (300 or 45	0						-	-	
19	B-157	G		_	- 1		×				_		×		2/29/2024	1152	L	L	×									
62	B-158	G		->			×				_		×		2/29/2024	1154	Н		×									
63	B-159	G	_	~			×				_		×		2/29/2024	1156	L		×						-			
44	B-160	G					×						×		2/29/2024	1158		L	×						-	-	-	
65	B-161	G	-	_			×				_		×		2/29/2024	1200	+		×									
																	+	+++										
PLEASE NOTE: Liability and Damages. Cardinal's liability an analyses. Al claims including those for negligence and any ob- service. In no event shall Cardinal be liable for incidental or or affiliates or successors arising out of or related to the perform Rolling successors.	d client's her caus onsequer sance of	without I	aim arising whether based waived unless made ut limitation, business in nal, regardless of whether Received By	g whe	of who	de in s inte	writin writin	ng an dat	n is t	elved of us	by C by C upor	ardin ardin	of the	o the hin 30 fits in	n contract or tort, shall be limited to the amount paid by the inting and received by Cardinal within 30 days after completi uptions, loss of use, or loss of profits incurred by client, its s uptions in based upon any of the above stated reasons or	alent for the on of the applicable obsidiaries, otherwise. Phone Result:		Yes			Add'I	Phone	#					
Relinquished By:	1/me: 5 Date: 5		Received By:	V O	a B	× C	0	5		1	9	3			de	Fax Result: ☐ Yes ☐ No Add'l Fax #: REMARKS: Please hold the following samples pending initial results	le folio	☐ Yes owing sa	□ No	oendin	Add'I	Add'I Fax #: ing initial results:	ĪŠ.					
Delivered By: (Circle One)					co	am	Be	S	D.	tio	-		유	2	CHECKED BY:				Email resutls to: will@rangerenv.com	esuti	s to:	will@	rang	erenv	.com	-		
Sample OR URS 6-RBus - Other:	0.35	#140	0		01	Cool Intact	2/2 - 1	JA .	7 4	Cool Intact		\propto	M	1 4	Apritials)													



March 20, 2024

WILL KIERDORF

RANGER ENVIRONMENTAL SERVICES, INC.

PO BOX 201179

AUSTIN, TX 78729

RE: DAYTON LAYFLAT LINE

Enclosed are the results of analyses for samples received by the laboratory on 03/15/24 12:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 03/15/2024 Sampling Date: 03/15/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: 6684 Sample Received By: Dionica Hinojos

Project Location: SILVERBACK - EDDY CO NM

Sample ID: TP23 - 04/10' (H241359-01)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	2.22	111	2.00	0.699	
Toluene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.408	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.12	106	2.00	0.0517	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.17	103	6.00	0.0498	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	194	96.9	200	2.01	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	205	103	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	68.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.4	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

RANGER ENVIRONMENTAL SERVICES, INC.

WILL KIERDORF PO BOX 201179 AUSTIN TX, 78729

Fax To: (512) 335-0527

Received: 03/15/2024 Sampling Date: 03/15/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: DAYTON LAYFLAT LINE Sampling Condition: Cool & Intact
Project Number: Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: SILVERBACK - EDDY CO NM

Sample ID: TP23 - 04/12' (H241359-02)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2024	ND	2.22	111	2.00	0.699	
Toluene*	<0.050	0.050	03/18/2024	ND	2.16	108	2.00	0.408	
Ethylbenzene*	<0.050	0.050	03/18/2024	ND	2.12	106	2.00	0.0517	
Total Xylenes*	<0.150	0.150	03/18/2024	ND	6.17	103	6.00	0.0498	
Total BTEX	<0.300	0.300	03/18/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	210	105	200	3.88	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	198	99.2	200	1.40	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	78.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.8	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAI Laboratorie 101 East Marland, Hobbs, NM 88:

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:	Ranger Environmental Services, Inc.		ľ	-	1	-	П	1					2	RILLTO		1	1			3	2	2		Ĭ	4		1				1
Project Manager:	Will Kierdorf									P.O. #:	#		1						_ ,	ANALIOIO	⊣ ₫	ģ		16	76	VE WOE OF	7-			-	
Address:	PO Box 201179									Company:	ng	any		Silverback Exploration	oloration																
City: Austin	State: TX	Z	Zip: 78720	872	ŏ					Attn:	2	Ma	굿	Mark Ritchie									_								
Phone #: 512-2	512-289-3272 Fax #:	51	512-335-0527	35-0	052	7				Ado	dre	SS	10	Address: 108 S. 4th Street																_	
Project #: 6684	Project Owner:	er:								City:		A	Artesia																		
Project Name: D	Dayton Layflat Line									State: NM	te:	Z	_	Zip: 88210							_									_	
Project Location:	Eddy County, NM									Phone #:	one	#					260														
Sampler Name:	J.Martinez & F.Rodriguez									Fax #:	*						EX 8				_		_							_	
FOR LAB USE ONLY		IP.	-	-		- 3	MATRIX		4		R	SE	PRESERV.	SAMPLING			or BT	500)													
H341359 Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF	# CONTAINERS	Participation of the second	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE (COOL)	OTHER:	DATE	T M	TPH: 8015 EXT	BTEX 8021B/5030 d	Chloride (300 or 45													
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دو	TP23-04/12'	ω					×					×		3/15/2024	0940	×	×	×													
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PLEASE NOTE: Liability and D analyses. All claims including the service. In no event shall Cardin affiliates or successors arising o	PLEASE NOTE: Liability and Damages. Cardinal's lability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be label for incidental or consequental damages, including without similation, business interruptions, loss of use, or loss of profits incurred by cleant, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereinfield by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	eemed v without I cardinal,	arising waived imitation	unles on, bus dless	s mac siness of whe	de in w	riting uption	and rack o	ceive s of u	shall d by o	be lim Cardir loss o	al wit	o the hin 30 fits inv	amount paid by the clie days after completion curred by client, its sub- re stated reasons or of	e client for the etion of the applicable subsidiaries, or otherwise.															1	- 1
Relinquished By:	Date: 3/15/24	Z	Received By:	\ ivec	B										Phone Result: Fax Result: REMARKS:		□ Yes	O O		Add'l Phone #: Add'l Fax #:	Pho	#:	*								
Relinquished/By:	Date:	70	Received By:	ve ve	<u>B</u>									2	Please hold the following samples pending initial results:	he folk	owing s	amples p	pending	init		esult	<u> </u>	2	2	3	3				
Delivered By: (Circle One) Sample RUPS6-RBus - Other:		3000	20 6		S C C	Sample Condition Cool Intact Yes Yes	es le	1 2 9	es	3	5 .	CHEC	III C	CHECKED BY: (Initials)				Elitali resutts to, will@rangerenv.com	esulis	5	2	(8	ang	ere	anv.	CO	3				

ATTACHMENT 4 - NMOCD REMEDIATION PLAI
APPROVAL

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Hearing Fee Application

SIGN-IN HELP

OCD Permitting

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

[C-141] Release Corrective Action (C-141) Application

Submission Information

Submission ID:

289800

Districts:

Artesia

Operator:

[330968] Silverback Operating II, LLC

Counties:

Eddy

Description:

Silverback Operating II, LLC [330968]

, Section 35 18S 26E

, nAPP2326254488

Status:

APPROVED

Status Date:

01/31/2024

References (1):

nAPP2326254488

Forms

Attachments:

C-141, Proposed Technique

Questions

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

Acknowledgments

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

Comments

Summary:

csmith (1/30/2024), Returned to OCD Review, Initial Review only reviewed Initial C-141 and not the Remediation Plan.

Conditions

Summary:

scott.rodgers (1/31/2024), The Remediation Plan is Conditionally Approved. As discussed, TP23-04 and TP23-05 must be fully delineated per 19.15.29.11 A.(5)(c). The variance request to test for chloride only in confirmation samples is approved. The variance request to obtain confirmation samples representative of 700 square feet is not approved however OCD will approve a variance for samples to be representative of no more than 400 square feet. OCD notes the initial C-141 was due on 10/02/2023 and was not received until 11/30/2023. Please submit the closure report to the OCD by 04/30/2024.

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District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 355674

QUESTIONS

Operator:	OGRID:
Silverback Operating II, LLC	330968
19707 IH10 West, Suite 201	Action Number:
San Antonio, TX 78256	355674
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2326254488
Incident Name	NAPP2326254488 SECTION 35 18S 26E @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source		
Please answer all the questions in this group.		
Site Name	SECTION 35 18S 26E	
Date Release Discovered	09/16/2023	
Surface Owner	Private	

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Normal Operations Pipeline (Any) Produced Water Released: 0 BBL (Unknown Released Amount) Recovered: 230 BBL Lost: -230 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

District I

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District II

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District III

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

QUESTIONS, Page 2

Action 355674

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40-00000 (0000000)		
Operator:	OGRID:	
Silverback Operating II, LLC	330968	
19707 IH10 West, Suite 201	Action Number:	
San Antonio, TX 78256	355674	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	
QUESTIONS		
Nature and Volume of Release (continued)		

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; (?) reported amounts release resulting in negative volume.
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

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices

All free liquids and recoverable materials have been removed and managed appropriately

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

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.

Name: Heather Treffert
Title: Field Operations Analyst
Email: htreffert@silverbackexp.com
Date: 06/24/2024

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

QUESTIONS, Page 3

Action 355674

QUESTIONS (continued)

Operatori	OGRID:
Silverback Operating II, LLC	330968
19707 IH10 West, Suite 201	Action Number:
San Antonio, TX 78256	355674
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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 51 and 75 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release ar	nd 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)	Greater than 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)	
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1 and 5 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Between 1 and 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Medium	
A 100-year floodplain	Between 1 and 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	Yes	

rided to the appropriate district office no later than 90 days after the release discovery date.	
Yes	
mination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Yes	
No	
n, in milligrams per kilograms.)	
22000	
50	
20	
0.3	
0.1	
empleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
11/28/2023	
03/15/2024	
02/26/2024	
57624	
8537	
57624	
8537	
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.	
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significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

QUESTIONS, Page 4

Action 355674

QUESTIONS (continued)

Operator:	OGRID:
Silverback Operating II, LLC	330968
19707 IH10 West, Suite 201	Action Number:
San Antonio, TX 78256	355674
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	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: Heather Treffert Title: Field Operations Analyst Email: htreffert@silverbackexp.com

Date: 06/24/2024

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.

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

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

QUESTIONS, Page 5

Action 355674

QUESTIONS (continued)

Operator:	OGRID:
Silverback Operating II, LLC	330968
19707 IH10 West, Suite 201	Action Number:
San Antonio, TX 78256	355674
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

District I

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

QUESTIONS, Page 6

Action 355674

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Operator:	OGRID:
Silverback Operating II, LLC	330968
19707 IH10 West, Suite 201	Action Number:
San Antonio, TX 78256	355674
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	322675	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/15/2024	
What was the (estimated) number of samples that were to be gathered	2	
What was the sampling surface area in square feet	200	

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	Yes		
Have the lateral and vertical extents of contamination been fully delineated	Yes		
Was this release entirely contained within a lined containment area	No		
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes		
What was the total surface area (in square feet) remediated	57624		
What was the total volume (cubic yards) remediated	8537		
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes		
What was the total surface area (in square feet) reclaimed	57624		
What was the total volume (in cubic yards) reclaimed	8537		
Summarize any additional remediation activities not included by answers (above)	None		

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Name: Heather Treffert
Title: Field Operations Analyst
Email: htreffert@silverbackexp.com
Date: 06/24/2024

District I
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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

QUESTIONS, Page 7

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QUESTIONS (CONTINUED	QL	JESTIONS ((continued
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Operator:	OGRID:
Silverback Operating II, LLC	330968
19707 IH10 West, Suite 201	Action Number:
San Antonio, TX 78256	355674
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 355674

CONDITIONS

Operator:	OGRID:
Silverback Operating II, LLC	330968
19707 IH10 West, Suite 201	Action Number:
San Antonio, TX 78256	355674
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	7/8/2024
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	7/8/2024