RECLAMATION REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERIVCES, LLC.

APRIL 16TH, 2025

PIMA ENVIRONMENTAL SERVICES, LLC.
5614 N LOVINGTON HWY, HOBBS, NM 88240

April 16, 2025

NMOCD District 2
811 S. First Street
Carlsbad, NM 88220

Bureau of Land Management
620 E Green St.
Carlsbad, NM 88220

RE: RECLAMATION REPORT
LOCATION: Sargas 28 Federal Com #004H
WELL API: 30-015-41560
GPS: 32.715168, -103.884201
INCIDENT LOCATION: I-29-T18S-R31E
COUNTY: Eddy
NMOCD REF. NO. NAB1727827603 (2RP-4423)

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production, LLC. (Devon) to write this Reclamation Report for the Sargas 28 Fed Com #004H (Sargas). This report provides an executive summary of the reclamation activities that have been undertaken to date and outlines a proposed plan for ongoing vegetation monitoring.

SITE CHARACTERIZATION

The Sargas is located approximately twenty-eight (28) miles northeast of Carlsbad, NM. This spill site is in Unit I, Section 29, Township 18S, Range 31E, Latitude 32.715168, Longitude -103.884201, Eddy County, NM. Figure 1 references a Location map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Quaternary Formation- Eolian and piedmont deposits (Holocene to middle Pleistocene) interlayered eolian sands and piedmont-slope deposits (QEP). The soil in this area is made up of Wink loamy fine sand, 0 to 3 percent slopes, eroded according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. A Topographic Map is referenced in Figure 2. There is a low potential for karst geology to be present in the area of the Sargas (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 180 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is greater than 100 feet BGS. The closest waterway is a playa located approximately 4.96 miles to the southwest of this location. See Appendix A for referenced water surveys. Due to lack of groundwater information, this site will be classified as <50’ per Table 1 19.15.29.12 NMAC.

SITE CONDITIONS AND HISTORY

On September 19th, 2017, the oil line float valve on the free water knockout separator was malfunctioning causing the vessel to fill up. Oil was released in an overspray towards the west side of the pad and into the pasture. The separator was

isolated and bypassed so that the float valve could be repaired. The released fluids were calculated to be approximately 1 barrel (bbl) of crude oil. No fluids were recovered from the area due to the fluid being released in an overspray.

On July 9th, 2020, Pima Environmental sampled the areas on and off the pad to the west of the separator using a hand auger. The results of this sampling event can be found in the data table located in Figure 4. An Initial Site Map can be found in Figure 5. Complete Laboratory Reports are attached in Appendix E.

On August 20th, 2020, Pima mobilized personnel and equipment to conduct remedial activities. We treated the area in the vicinity of S-1 through S-4, west of the separator, with a bioremediation chemical solution. Photographic documentation can be found in Appendix D.

On April 5th, 2021, Pima returned to the site to assess the area and collect confirmation samples from the treated area. The results of this sampling event can be found in the data table in Figure 4. A Confirmation Sample Map (a) can be found in Figure 6. Complete Laboratory Reports are attached in Appendix E.

After remediation work was completed, a Remediation Closure Report was submitted to the NMOCD on April 21, 2021, under Application ID: 24993. On September 20, 2022, application 24993 was rejected by the NMOCD.

After submitting a 48-Hour Sampling Notification (Appendix C), on January 9, 2023, Pima Environmental mobilized personnel to conduct further sampling due to the rejection and lack of groundwater data. The results of this sampling event can be found in the data table located in Figure 4. A Site Map can be found in Figure 7. Complete Laboratory Reports are attached in Appendix E.

A Remediation Work Plan was submitted to the NMOCD on November 22, 2024, under Application ID: 405936. On December 17, 2024, application 405936 was rejected by the NMOCD.

On December 17, 2024, the NMOCD denied the Remediation Work Plan report citing:
“The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for Incident ID (n#) NAB1727827603 (2RP-4423).

- **Work plan denied. Sample areas of S1 and S2 were resampled on 4/5/21 at a depth of 6 inches. Delineation sampling conducted on 7/9/2020 indicated that samples exceeded closure criteria at 1 foot below surface. These samples were not fully delineated and require additional delineation sampling. Submit a report via the OCD permitting portal by January 17, 2025.**

In an effort to address the concerns of the rejection, Pima contacted Ashley Maxwell with NMOCD to gain clarification on what samples needed to be collected for delineation. She advised that composite samples from the areas of S-1 and S-2 collected from 0-1 foot deep would suffice.

On January 13, 2025, Devon Energy submitted a 48-Hour Sampling Notification in preparation to conduct the required delineation sampling event on January 15, 2025. For additional details, the 48-Hour Sampling Notification can be found in Appendix C. On January 15, 2025, a Pima field technician conducted the delineation sampling event at the Sargas. The results of this sampling event can be found in the data table in Figure 4. A Delineation Map can be found in Figure 8. Complete Laboratory Reports are attached in Appendix E.

Pima Environmental submitted a revised Remediation Work Plan to the NMOCD that was approved with the following conditions on January 31, 2025, (NMOCD Application ID: 426948):

- **Remediation work plan approved. However, a condition of approval is, in addition to the remediation work plan, closure confirmation samples will be collected in the polygon area of "Delineation Area" samples S2 and S1 at the surface representing no more than 200 square feet. This polygon area is outlined in red (Delineation Map) in the submitted work plan. This is required due to previous sampling in this area having TPH exceeding closure criteria. Submit a report via the OCD permitting portal by April 30, 2025.**

The work plan proposed to excavate the areas of S-3 and S-4 at an average depth of 2' below ground surface, totaling approximately 400 square feet and 30 cubic yards. On February 13, 2025, the Devon construction department and Pima mobilized personnel and equipment to the site to begin excavating the area of concern. We excavated the contaminated areas located on the pad using hand tools and mechanical equipment. Samples were taken during excavation to ensure all contamination had been removed. A total of 550 square feet at a depth of 2' bgs totaling 41 cubic yards of contaminated soil was removed from the pad area and was hauled off and disposed of at an NMOCD-approved facility. An Excavation Map can be found in Figure 9.

On February 19, 2025, after Devon submitted a 48-hour sampling notification (Appendix C), Pima returned to the site to collect 5-point composite confirmation samples. On February 20, 2025, an analytical report was received and verified that all sample results are under the regulatory limits of the less than 50-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. Sample results can be referenced in the data table included in Figure 4. A corresponding Confirmation Sample Map (b) can be found in Figure 10. A complete Laboratory Report can be found in Appendix E.

On February 24, 2025, Devon returned to the Sargas to backfill the excavated area with clean, like material. Photographic documentation of the remediation and backfilling can be found in Appendix D. Two five-point composite soil samples (Backfill 1 & Backfill 2) were collected from the surface of the backfilled excavation. None of the sample results were detected at concentrations in excess of the remediation/reclamation closure criteria.

Per the Remediation Work Plan condition of approval, Pima returned to the site on March 12, 2025, after submitting a 48-Hour Sampling Notification (Appendix C) to collect the required confirmation samples in the polygon area of samples S1 & S2 at the surface. A complete Laboratory Report can be found in Appendix E. Analytical results verified that these sample results are under the regulatory limits of the less than 50-foot depth to groundwater section of Table 1 19.15.29.12 NMAC.

After remediation was completed, a Remediation Closure Report was submitted to NMOCD on March 19, 2025, under Application ID: 443912. On March 27, 2025, application 443912 was approved by the NMOCD.

RECLAMATION ACTIVITIES

The area of concern has been remediated and reclaimed to NMOCD's standards; backfilled with non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and TPH concentrations less than 100 mg/kg. Two (2) representative 5-point composite samples were collected. Laboratory Analytical Reports are available in Appendix E. Photographic Documentation showing that the area is back, as nearly as practical, to its original condition can be found in Appendix D.

Full reclamation of the roads themselves will occur once they are no longer needed for ongoing operations and are decommissioned and will remain undisturbed until the roads are no longer in use for servicing active well sites.

Proposed reclamation actions are outlined below and will be implemented once the site is no longer needed for production or subsequent drilling operations.

RECLAMATION ACTIONS REQUIRED

In accordance with NMAC 19.2.100.67 Regulations NMSLO Reclamation and Remediation Guidelines and Procedures, and any stipulations or land use agreements pertaining to the locations on private land, the following reclamation activities are proposed at the site.

Once the site is no longer needed for production of subsequent drilling operations, Devon will conduct the following:

- All surface equipment, tanks, and piping, along with all trash, junk, and debris, will be removed for the site location and transported for reuse, recycling, or disposal as Resources Conservation and Recovery Act (RCRA-Exempt E&P Waste at an NMOCD-approved facility.
- Stained or discolored areas found during historical imagery search or reclamation activities will be assessed by collecting samples for submission to an analytical laboratory to analyze chloride and TPH. Soils identified with Total Petroleum Hydrocarbons (TPH) or chloride impacts above NMOCD reclamation requirements will be reclaimed according to NMOCD standards.
- Any removed known or suspected contaminated soil will be transported to an NMOCD-approved facility for disposal as RCRA exempt waste.
- Upon completion of any excavation of known or suspected impacted material, composite confirmation samples will be collected from the excavation floor and sidewalls, with each sample representing an area of no more than 200 square feet following sampling protocols set out in 19.15.29 NMAC.
- Upon receipt of any laboratory analytical results from confirmation soil samples demonstrating constituent contaminant levels are equal to or below NMOCD closure criteria, any excavated areas will be backfilled with locally sourced clean soil.
- Surface caliche and previously imported base aggregate will be scraped and removed from the site's surface using mechanical equipment and associated roads. The removed aggregate materials are anticipated to be reused to maintain nearby active well pads and lease roads.
- The site will have topsoil replaced and graded to match surrounding topography, then ripped, bermed, or water-barred to stabilize and control erosion and seeded with the appropriate NMSLO-approved seed mixture based on location soil type.
- Lease roads will have topsoil replaced, then ripped, bermed back to in-use lease roads, water barred and seeded with NMSLO-approved seed mixture for the location soil type.
- Reclamation activities are expected to be completed within 90 days of NMSLO approval of a Site Assessment and Reclamation Work Plan.
- Withing 30 days or at the beginning of the next favorable growing season following these completed reclamation activities, each reclamation site location will be seeded via hand broadcast at double the drill seeding rate as prescribed in NMSLO Seed Mix application guidelines.

RESTORATION, RECLAMATION, AND REVEGETATION

Based on laboratory analytical results from confirmation soil samples, the reclaimed area will be backfilled with locally sourced clean topsoil. The reclaimed areas will be ripped and bermed or water-barred to achieve erosion control, surface stability, and preservation of surface water flow.

Preparation and Seeding

Preparation of reclaimed areas will include cross-ripping to prepare the seedbed with two-foot furrows as deep as possible without bringing rock material back to the surface. The prepared areas will be seeded with NMSLO-approved seed mixtures. Within 30 days of completion of reclamation activities, the seed will be applied using broadcast methods at double drill seed application quantities as prescribed by NMSLO Mix Data sheet. Seed mixtures will be free of noxious weeds. Traffic control berms discussed below will also be seeded.

Traffic Control and Access Restriction

As discussed above, earthen berms will be installed to restrict access and vehicular traffic through reclamation areas during the revegetation process. If berms proved unsuccessful long term at preventing disturbance to the reclamation area, fencing will be installed to further restrict site access.

Vegetation Monitoring

Vegetation monitoring will be conducted in accordance with the New Mexico State Land Office Southeastern New Mexico Revegetation Handbook. Devon Energy acknowledges that a revised handbook is in development, and any applicable updates will be incorporated into the vegetation monitoring plan once published.

Revegetation typically requires approximately three years to be considered complete for reclamation purposes. After the first growing season, the revegetation area may initially appear sparse, with a mix of annual weeds, grasses, and other reclamation vegetation in the early stages of emergence.

By the second full growing season, pioneer reclamation grass species should be clearly visible, and grasses will typically begin to dominate over the annual weeds, although they may still be present. If there have been typical to above-average precipitation levels, revegetation will likely improve, with drought-tolerant species helping to support the growth. By the end of the third full growing season, the success of the revegetation efforts can generally be assessed.

Reclamation areas will be monitored semi-annually for growth, noxious weed management, and the need for additional reclamation activities until the required revegetation is completed. The following NMSLO-prescribed observational assessment methodology will guide the revegetation monitoring process during these semi-annual evaluations:

- Current conditions will be photographed with emphasis on problem areas, and ocular estimations of plant cover, production, and density will also be documented with photographs.
- Revegetation results will be compared to adjacent native areas.
- Erosional features such as gullies, rills, and sheet erosion will be recorded and photographed.
- Invasive and noxious weeds will be identified and photographed, and mitigation measures will be developed and implemented if required.
- Any grazing or overgrazing will be documented.

- Wildlife impacts will be documented to include rodents, rabbits, and large grazers.

The standard that will be employed to determine reclamation and revegetation progress is the comparison of the reclaimed and revegetated area with the adjacent native rangeland. This comparison may utilize ocular estimation or remote sensing of plant community cover, production, and diversity.

SCHEDULE

Upon approval of this Reclamation Work Plan, Devon Energy will carry out the reclamation activities described above on the site within 25 years, provided that production and/or subsequent drilling operations have been completed. Once reclamation activities are complete, a reclamation report will be prepared for the site and submitted to the NMSLO.

CONCLUSION

The long-term goal of final reclamation is to restore the ecosystem, including the natural vegetation community, hydrology, and wildlife habitats. This involves returning the land to a condition that closely resembles or equals its state prior to disturbance. According to ECO's guidance, reclamation is deemed successful when the reclaimed areas achieve a vegetation density greater than 70-percent of pre-disturbance coverage, excluding invasive or noxious weeds. Once the disturbed areas reach a representative vegetative cover and are considered successful, the former pad area associated with the site will be deemed reclaimed in accordance with 19.2.100.67 NMAC.

Should you have any questions or need additional information, please feel free to contact:
Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@dvn.com.
Pima Environmental – DelRae Geller at 806-724-5391 or delrae@pimaoil.com.

Respectfully,

DelRae Geller

DelRae Geller
Project Manager
Pima Environmental Services, LLC

ATTACHMENTS

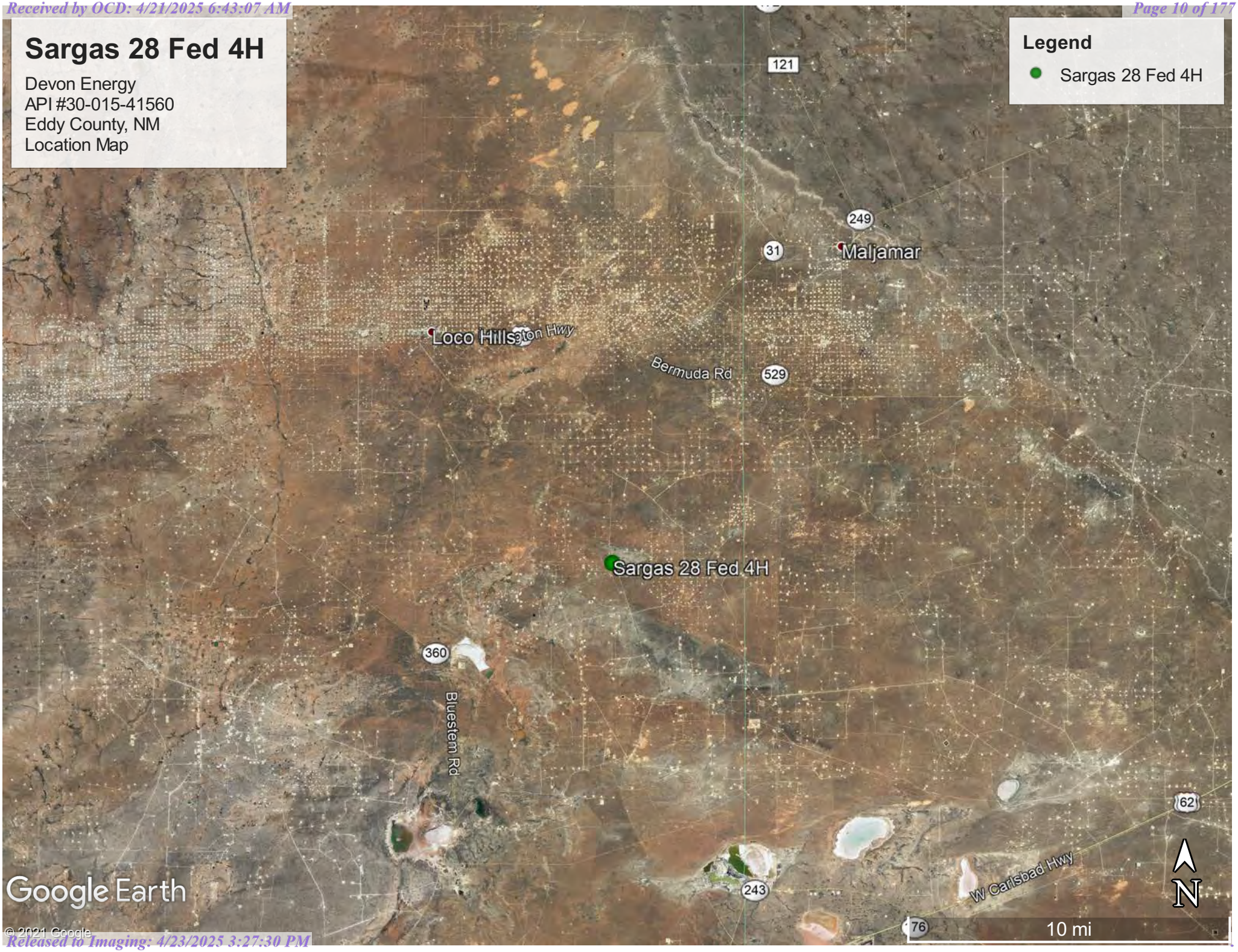
FIGURES:

APPENDICES:

FIGURES

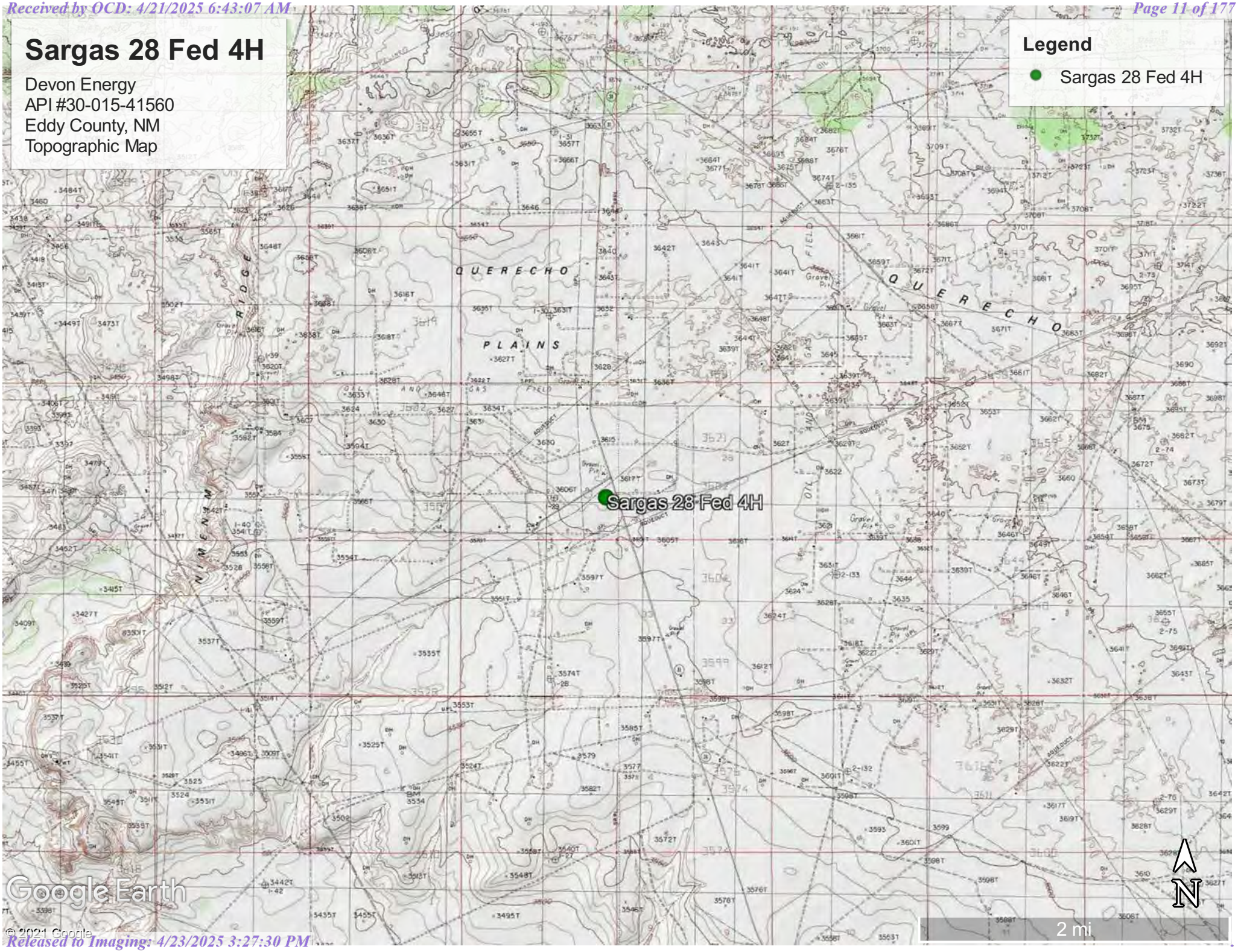
Sargas 28 Fed 4H

Devon Energy
API #30-015-41560
Eddy County, NM
Location Map



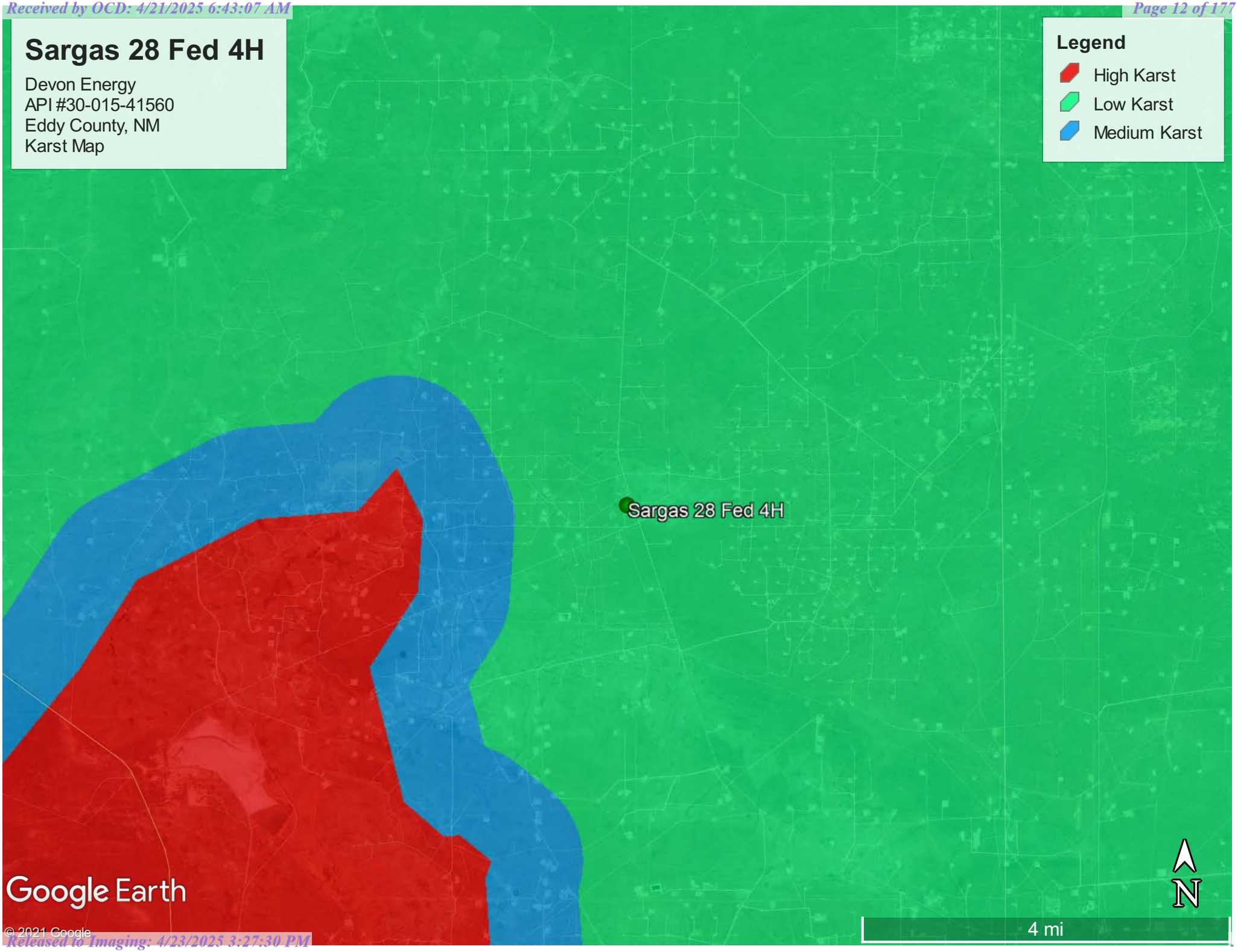
Sargas 28 Fed 4H

Devon Energy
API #30-015-41560
Eddy County, NM
Topographic Map



Sargas 28 Fed 4H

Devon Energy
API #30-015-41560
Eddy County, NM
Karst Map



DATA TABLES

7-9-2020 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Devon Energy - Sargas 28 Fed 4H								
Sample Date 7-9-20		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
BG-1	0	ND	ND	ND	ND	ND	ND	ND
BG-2	0	ND	ND	ND	ND	ND	ND	ND
BG-3	0	ND	ND	ND	ND	ND	ND	ND
S-1	0-6"	ND	ND	ND	**6900**	**4500**	**11400**	ND
	1	ND	ND	ND	**5800**	**4200**	**10000**	ND
S-2	0-6"	ND	ND	ND	**11000**	**11000**	**22000**	110
S-3	0-6"	ND	ND	ND	**5200**	**5000**	**10200**	400
S-4	0-6"	ND	ND	ND	**26000**	**30000**	**56000**	ND
S-5	0-6"	ND	ND	ND	64	170	234	ND

ND/0- Analyte Not Detected

4-5-2021 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Devon Energy - Sargas 28 Fed 4H								
Sample Date 4-5-21		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	0-6"	ND	ND	ND	ND	ND	ND	
S-2	0-6"	ND	ND	ND	ND	ND	ND	
S-3	0-6"	ND	ND	ND	ND	ND	ND	
S-4	0-6"	ND	ND	ND	ND	ND	ND	

ND/0- Analyte Not Detected

1-9-2023 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Devon Energy - Sargas 28 Fed 4H								
Sample Date 1-9-2023		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	ND	ND	ND	ND	ND	0	527
	3'	ND	ND	ND	ND	ND	0	436
	4'	ND	ND	ND	ND	ND	0	215
	5'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	500
	3'	ND	ND	ND	ND	ND	0	459
	4'	ND	ND	ND	ND	ND	0	208
	5'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	10700	8640	19340	41
	3'	ND	ND	ND	ND	ND	0	409
	4'	ND	ND	ND	ND	ND	0	224
	5'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	11500	8960	20460	36.9
	3'	ND	ND	ND	ND	ND	0	414
	4'	ND	ND	ND	ND	ND	0	265
	5'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
	5'	ND	ND	ND	ND	ND	0	ND
SW 1	6"	ND	ND	ND	ND	ND	0	ND
SW 2	6"	ND	ND	ND	ND	ND	0	ND
SW 3	6"	ND	ND	ND	ND	ND	0	ND
SW 4	6"	ND	ND	ND	ND	ND	0	ND
BG 1	6"	ND	ND	ND	ND	ND	0	ND
BG 2	6"	ND	ND	ND	ND	ND	0	ND

ND/0- Analyte Not Detected

1-15-2025 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50 ')								
DEVON ENERGY Sargas 28 Federal 4H								
Date: 1-15-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	(0-1') Comp	ND	ND	ND	ND	ND	0	ND
S2	(0-1') Comp	ND	ND	ND	ND	ND	0	ND

ND/0- Analyte Not Detected

2-19-2025 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Sargas 28 Federal 4H								
Date: 2-19-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	2' Comp	ND	ND	ND	ND	ND	0	ND
CS2	2' Comp	ND	ND	ND	ND	ND	0	ND
CS3	2' Comp	ND	ND	ND	ND	ND	0	ND
CS4	2' Comp	ND	ND	ND	ND	ND	0	ND
CSW1	COMP	ND	ND	ND	ND	ND	0	ND
CSW2	COMP	ND	ND	ND	ND	ND	0	ND
CSW3	COMP	ND	ND	ND	ND	ND	0	ND
CSW4	COMP	ND	ND	ND	ND	ND	0	ND

ND/0- Analyte Not Detected

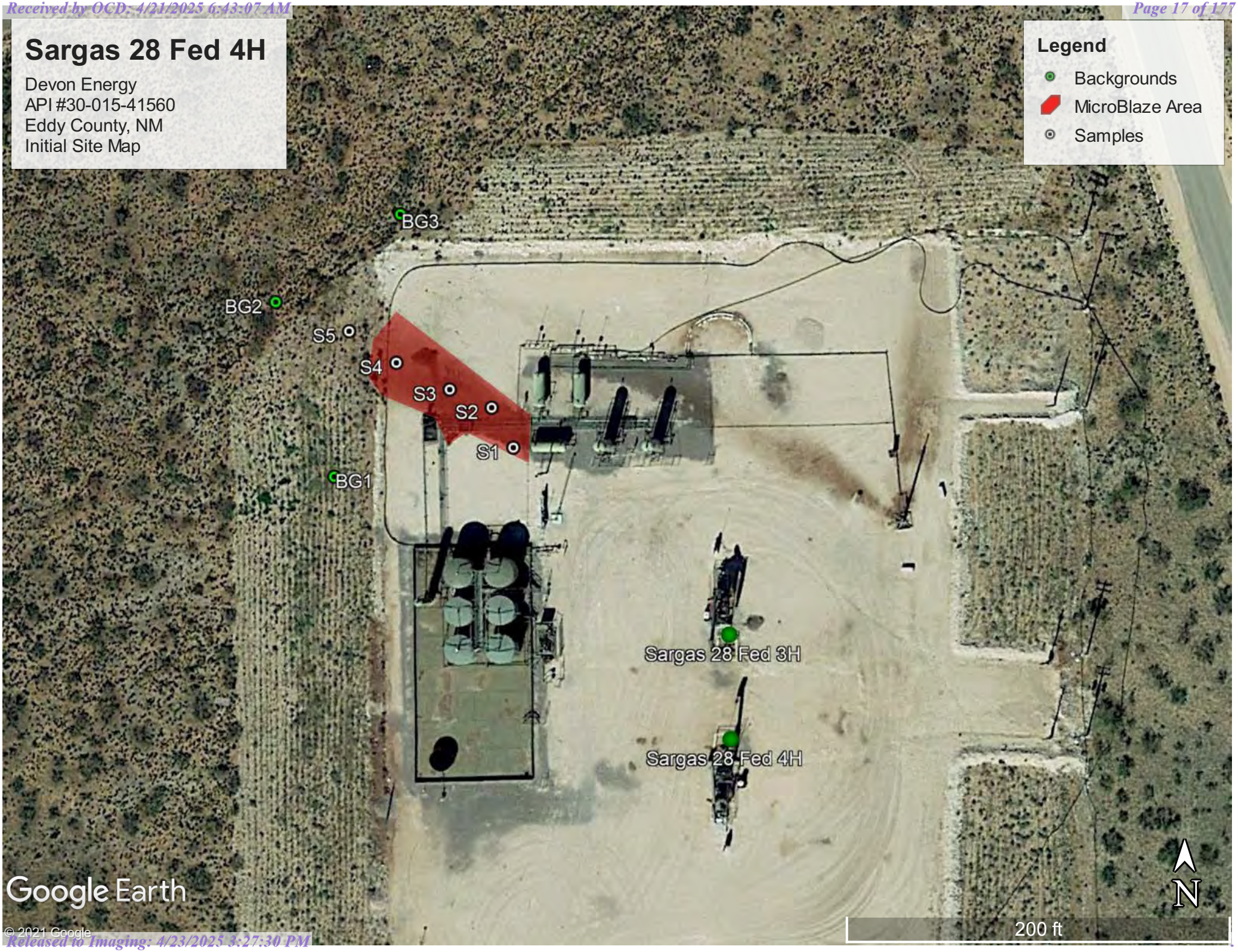
3-12-2025 Confirmation & Backfill Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50 ')								
DEVON ENERGY Sargas 28 Federal Com 4H								
Date: 3-12-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
Backfill 1	Comp	ND	ND	ND	ND	ND	0	90.6
Backfill 2	Comp	ND	ND	ND	ND	ND	0	86.3
S1	Surface	ND	ND	ND	ND	ND	0	ND
S2	Surface	ND	ND	ND	ND	ND	0	ND

ND/0- Analyte Not Detected

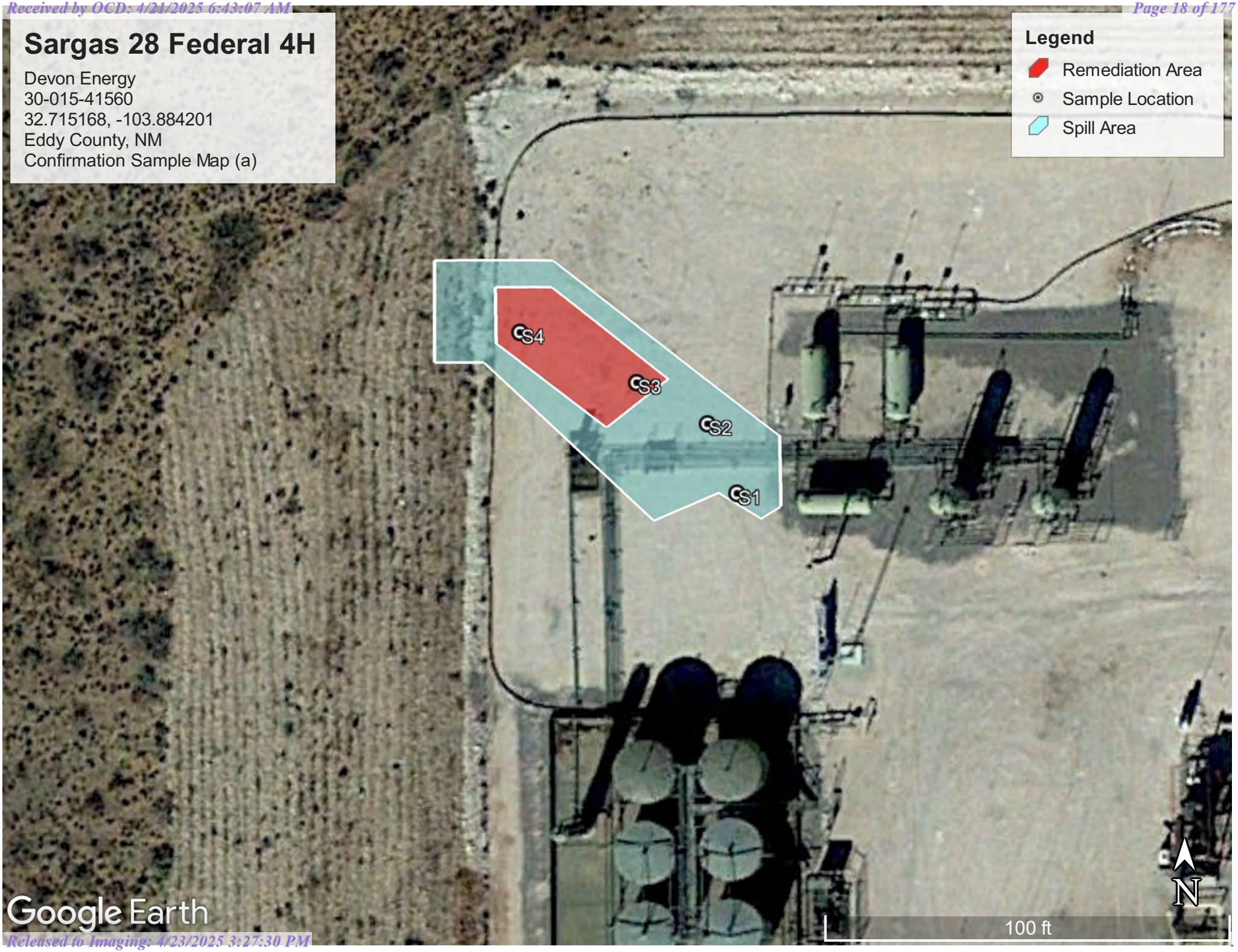
Sargas 28 Fed 4H

Devon Energy
API #30-015-41560
Eddy County, NM
Initial Site Map



Sargas 28 Federal 4H

Devon Energy
30-015-41560
32.715168, -103.884201
Eddy County, NM
Confirmation Sample Map (a)

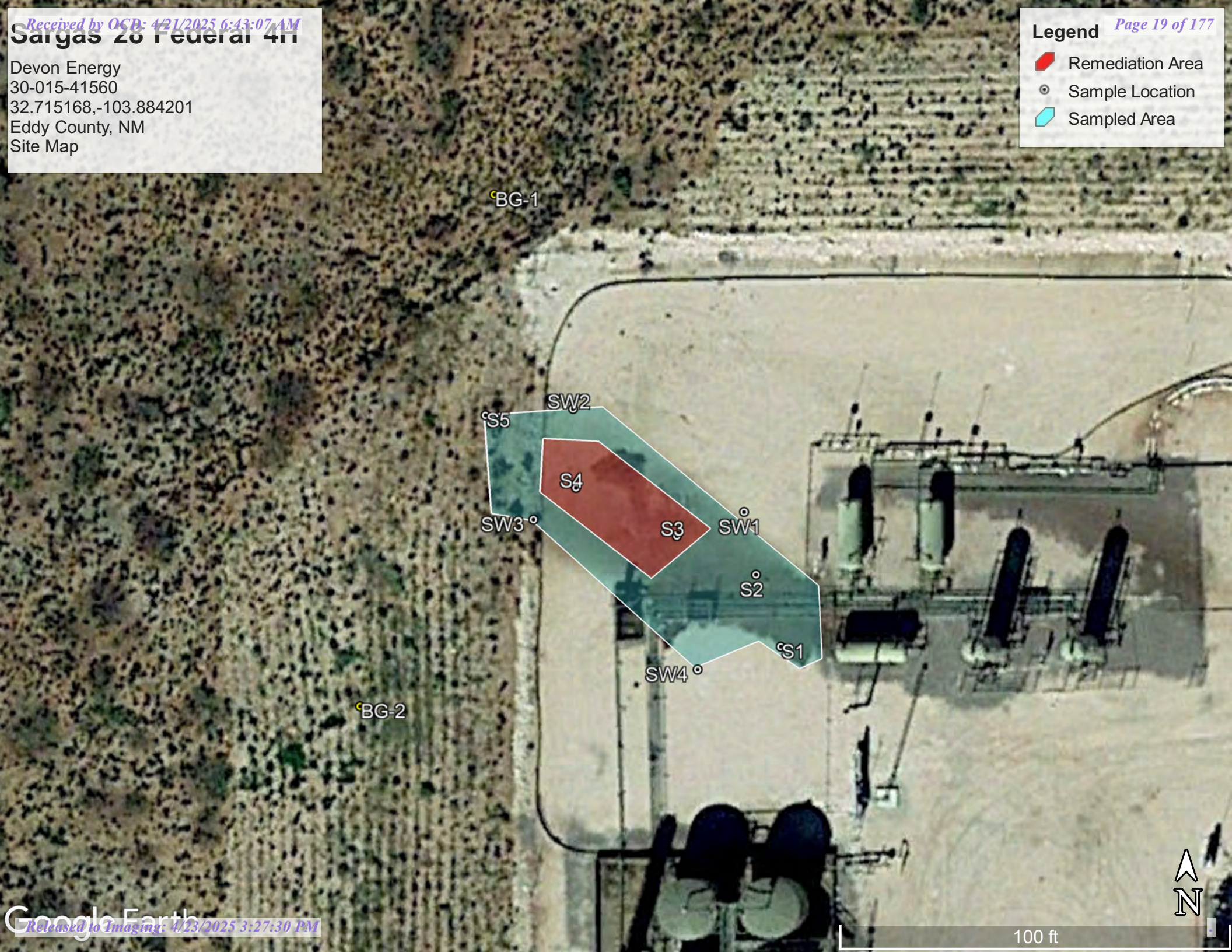


Sargas 28 Federal 4H

Devon Energy
30-015-41560
32.715168,-103.884201
Eddy County, NM
Site Map

Legend

- Remediation Area
- Sample Location
- Sampled Area



Sargas 28 Fed 4H

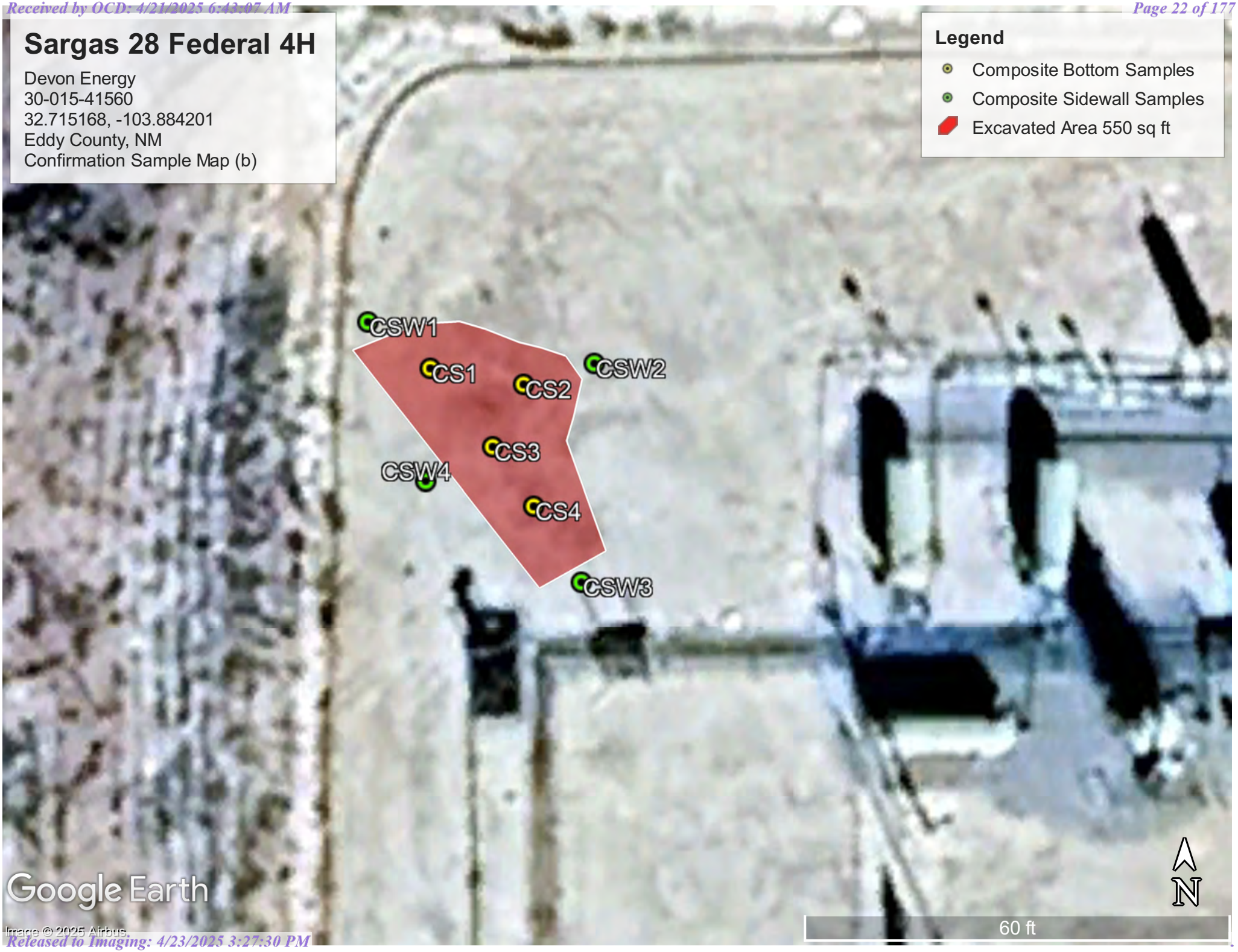
Devon Energy
API: 30-015-41560
32.715168, -103.884201
Eddy County, NM
Delineation Map

Sargas 28 Federal 4H

Devon Energy
API: 30-015-41560
Eddy County, NM
Excavation Map

Sargas 28 Federal 4H

Devon Energy
30-015-41560
32.715168, -103.884201
Eddy County, NM
Confirmation Sample Map (b)



APPENDIX A

OSE Water Survey

USGS Water Survey

Water Related Maps

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

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

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00849 POD1		CP	LE	3	1	3	35	18S	31E	608012	3618757*	3755	300		
CP 00818 POD1		CP	LE		1	4	26	18S	30E	599289	3620364*	5282	240		
CP 00767 POD1		CP	ED		3	2	35	18S	30E	599300	3619158*	5384	500		
CP 01907 POD1		CP	ED	4	2	2	18	19S	31E	603017	3614737	5738			
CP 00829 POD1		CP	LE		2	4	16	19S	31E	606165	3614009*	6452	120		
CP 01554 POD1		CP	LE	2	2	1	22	19S	31E	607166	3613354	7377	400		
CP 01554 POD2		CP	LE	2	2	1	22	19S	31E	607165	3613322	7407	400		
CP 00873 POD1		CP	LE		1	1	19	19S	31E	601772	3613147*	7644	340	180	160
CP 00853 POD1	O	CP	ED		2	4	28	18S	30E	596472	3620340*	8098	350		
RA 11590 POD1		RA	ED	2	1	3	32	17S	31E	603315	3628545	8379	158		
CP 00647 POD1	O	CP	ED	4	2	2	15	19S	30E	598235	3614621*	8482	200	92	108
CP 00357 POD1		CP	ED	4	4	1	24	19S	30E	600667	3612631*	8570	630		
CP 00357 POD2		CP	ED	4	3	1	24	19S	30E	600265	3612627*	8764	630		
RA 11590 POD3		RA	ED	3	1	2	32	17S	31E	603932	3629260	9022	60		
RA 11590 POD4		RA	ED	4	1	1	32	17S	31E	603308	3629253	9081	55		
CP 00672		CP	LE		4	4	07	18S	32E	612475	3624947*	9189	524	430	94
CP 00672 CLW475398	O	CP	LE		4	4	07	18S	32E	612475	3624947*	9189	540	460	80
CP 00822 POD1		CP	LE		4	4	15	19S	30E	598148	3613516*	9313	90		
CP 00722 POD2		CP	ED	2	1	1	25	19S	30E	600276	3611620*	9649	350	65	285
CP 00725 POD1		CP	ED	1	3	3	28	19S	31E	604906	3610473*	9793	231		
CP 00819 POD1		CP	LE		2	4	32	18S	30E	594878	3618720*	9814	150		

Average Depth to Water: **245 feet**
Minimum Depth: **65 feet**
Maximum Depth: **460 feet**

Record Count: 21

UTMNAD83 Radius Search (in meters):

Easting (X): 604570.56 **Northing (Y):** 3620260.91 **Radius:** 10000

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

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

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

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00849 POD1		CP	LE	3	1	3	35	18S	31E	608012	3618757*	3755	300		
CP 00818 POD1		CP	LE		1	4	26	18S	30E	599289	3620364*	5282	240		
CP 00767 POD1		CP	ED		3	2	35	18S	30E	599300	3619158*	5384	500		
CP 01907 POD1		CP	ED	4	2	2	18	19S	31E	603017	3614737	5738			
CP 00829 POD1		CP	LE		2	4	16	19S	31E	606165	3614009*	6452	120		

Average Depth to Water: --
Minimum Depth: --
Maximum Depth: --

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 604570.56 **Northing (Y):** 3620260.91 **Radius:** 7000

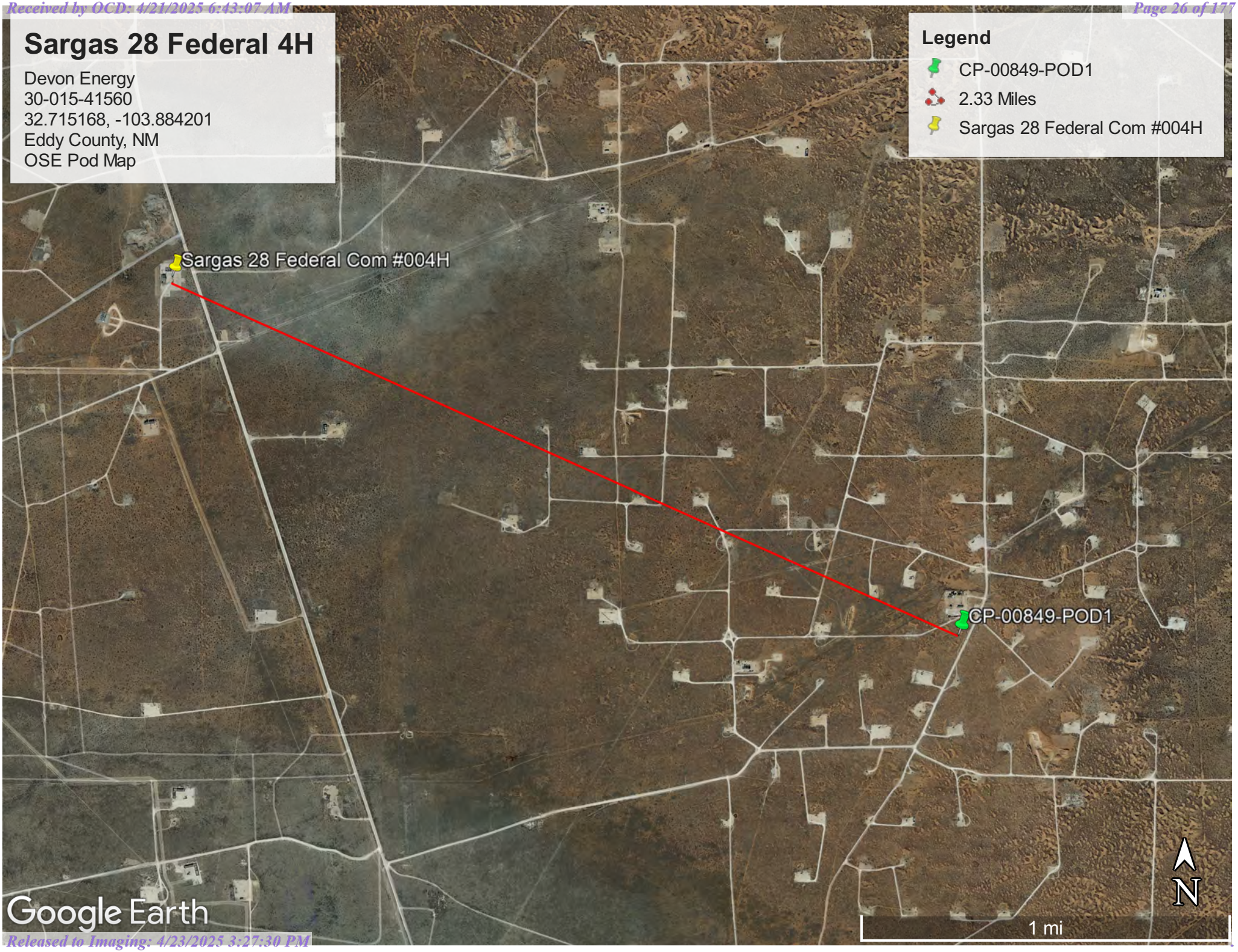
***UTM location was derived from PLSS - see Help**

1/26/23 7:51 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Sargas 28 Federal 4H

Devon Energy
30-015-41560
32.715168, -103.884201
Eddy County, NM
OSE Pod Map



National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews Bulletins

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

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 324159103503801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

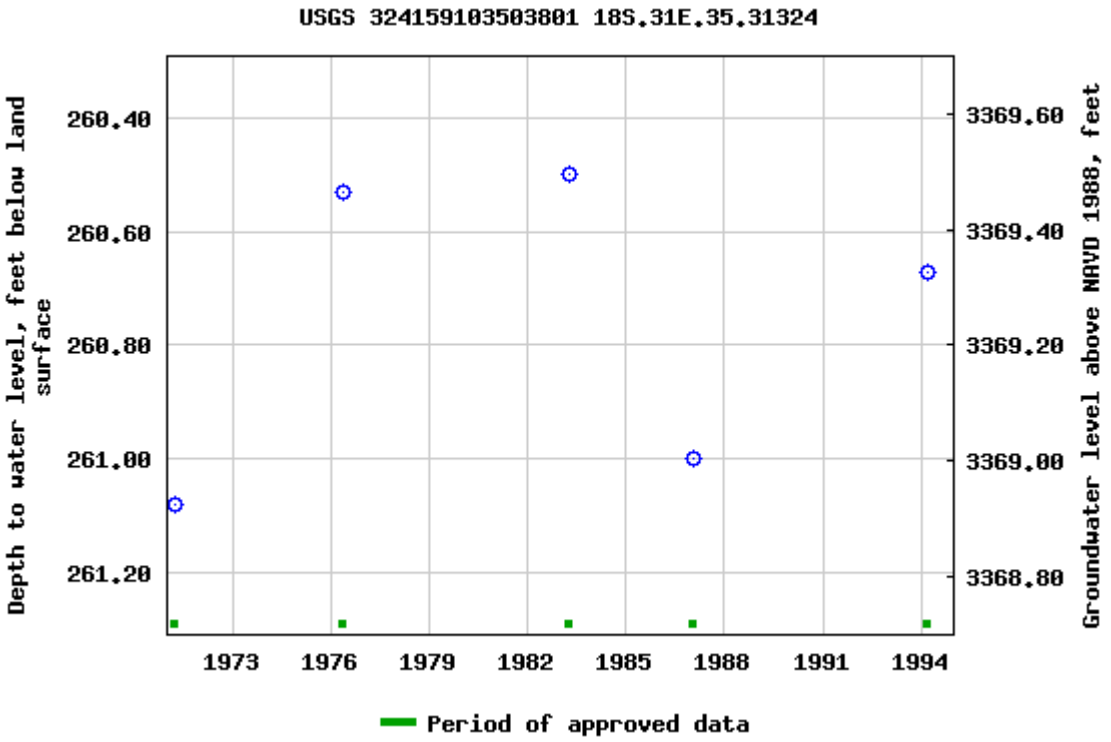
USGS 324159103503801 18S.31E.35.31324

Available data for this site | Groundwater: Field measurements | GO

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°42'07.3", Longitude 103°50'50.1" NAD83
Land-surface elevation 3,630 feet above NAVD88
The depth of the well is 300 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

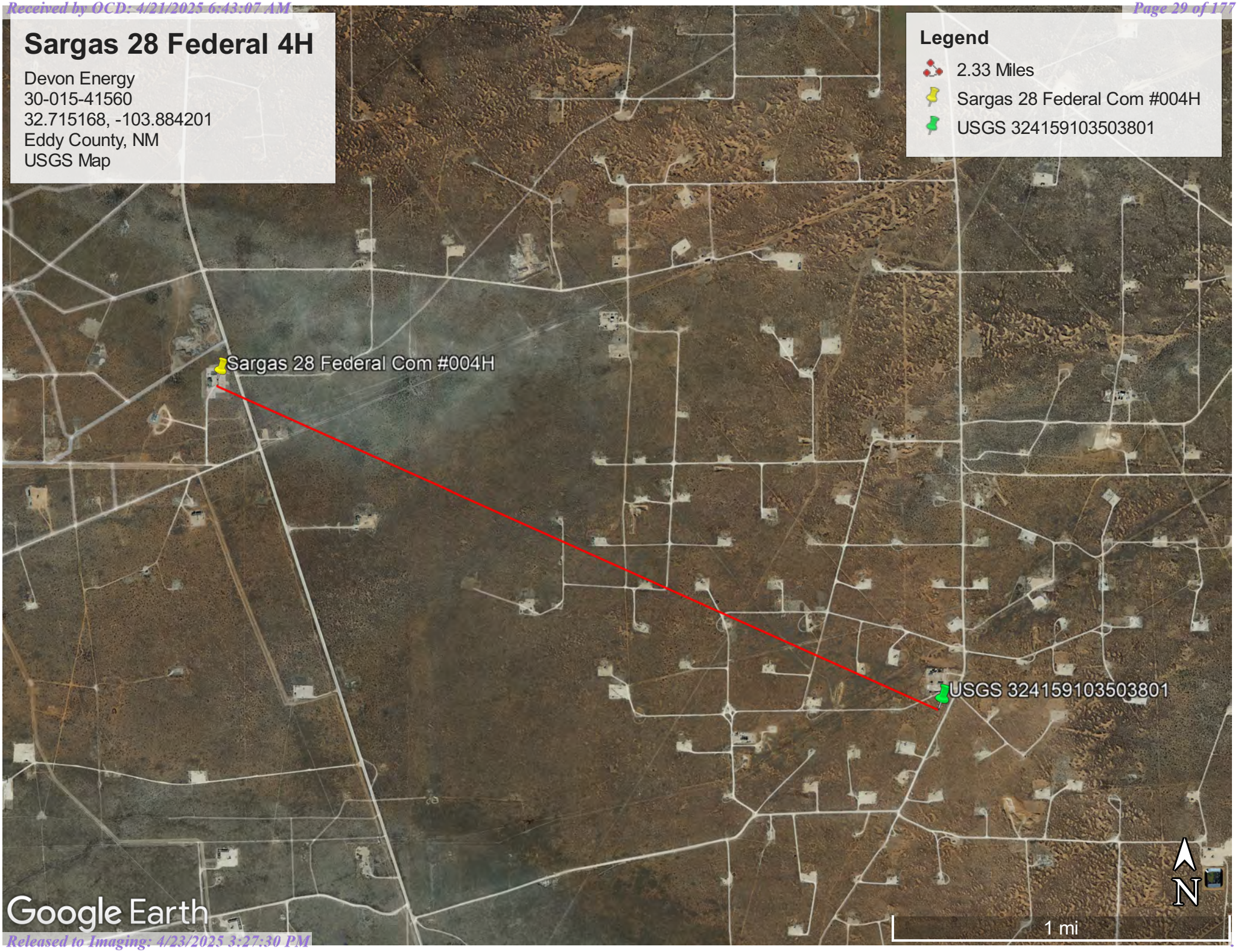


Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

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

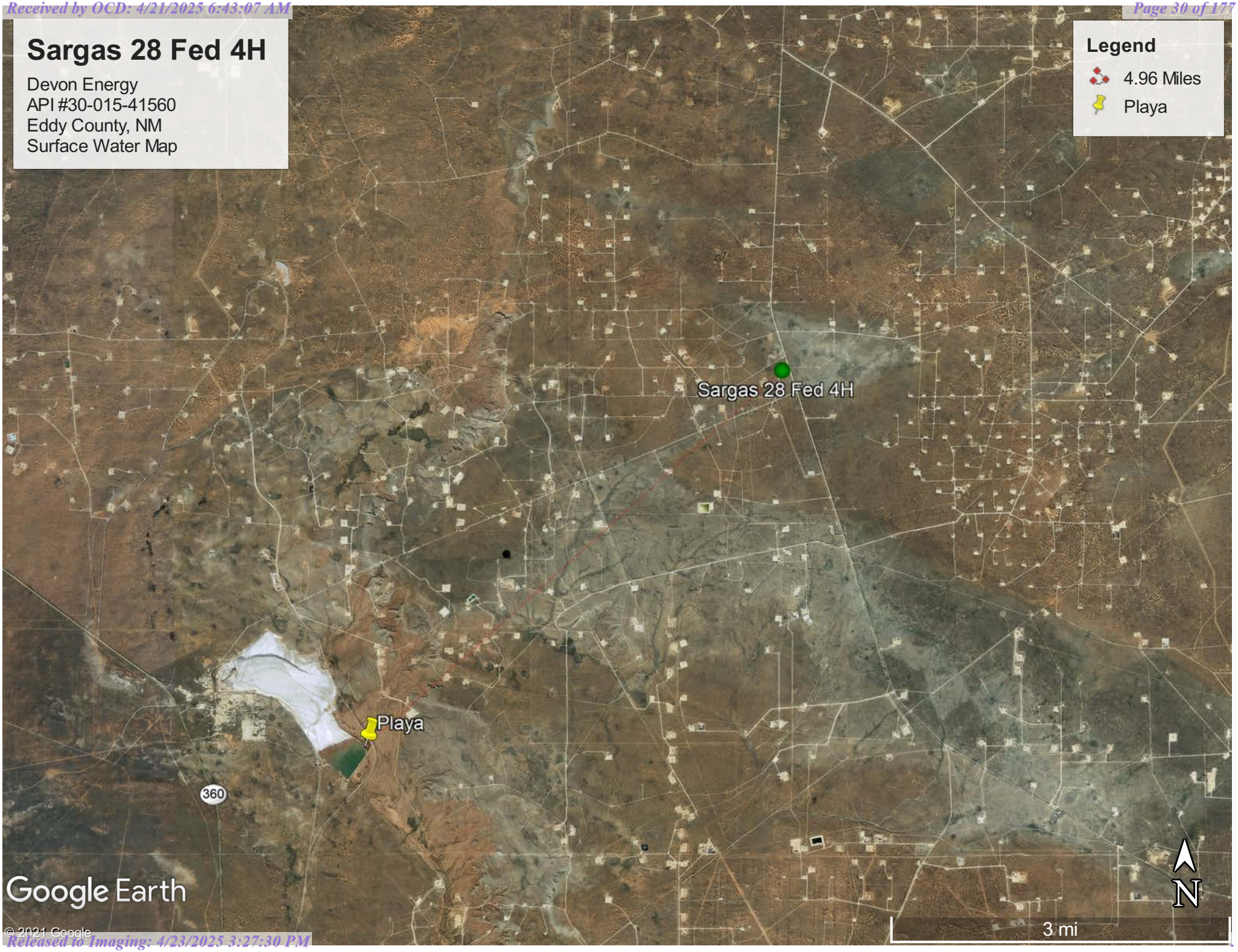
Sargas 28 Federal 4H

Devon Energy
30-015-41560
32.715168, -103.884201
Eddy County, NM
USGS Map



Sargas 28 Fed 4H

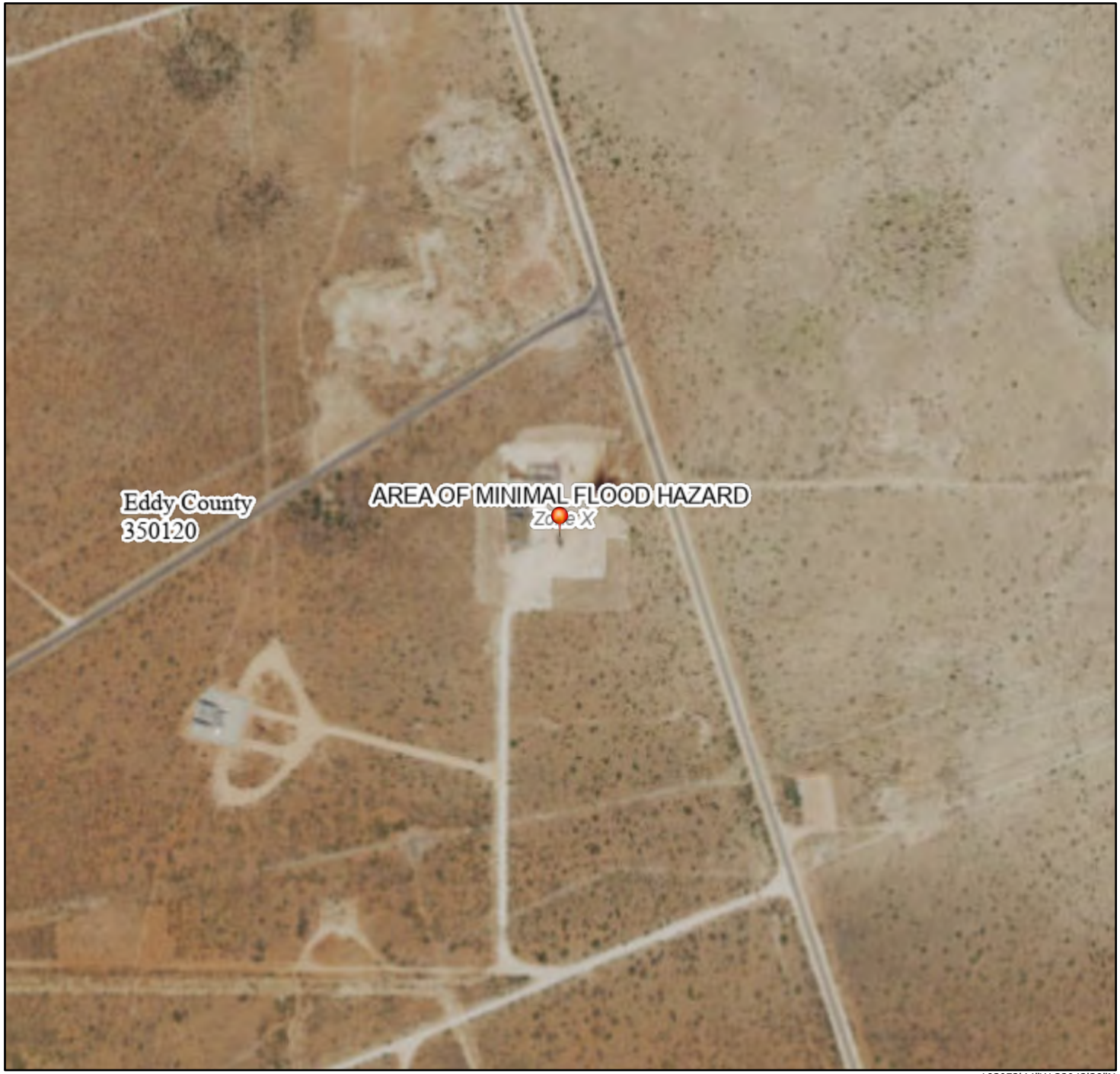
Devon Energy
API #30-015-41560
Eddy County, NM
Surface Water Map



National Flood Hazard Layer FIRMette

FEMA

103°53'22"W 32°43'9"N



103°52'44"W 32°42'39"N

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

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

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

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

N

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

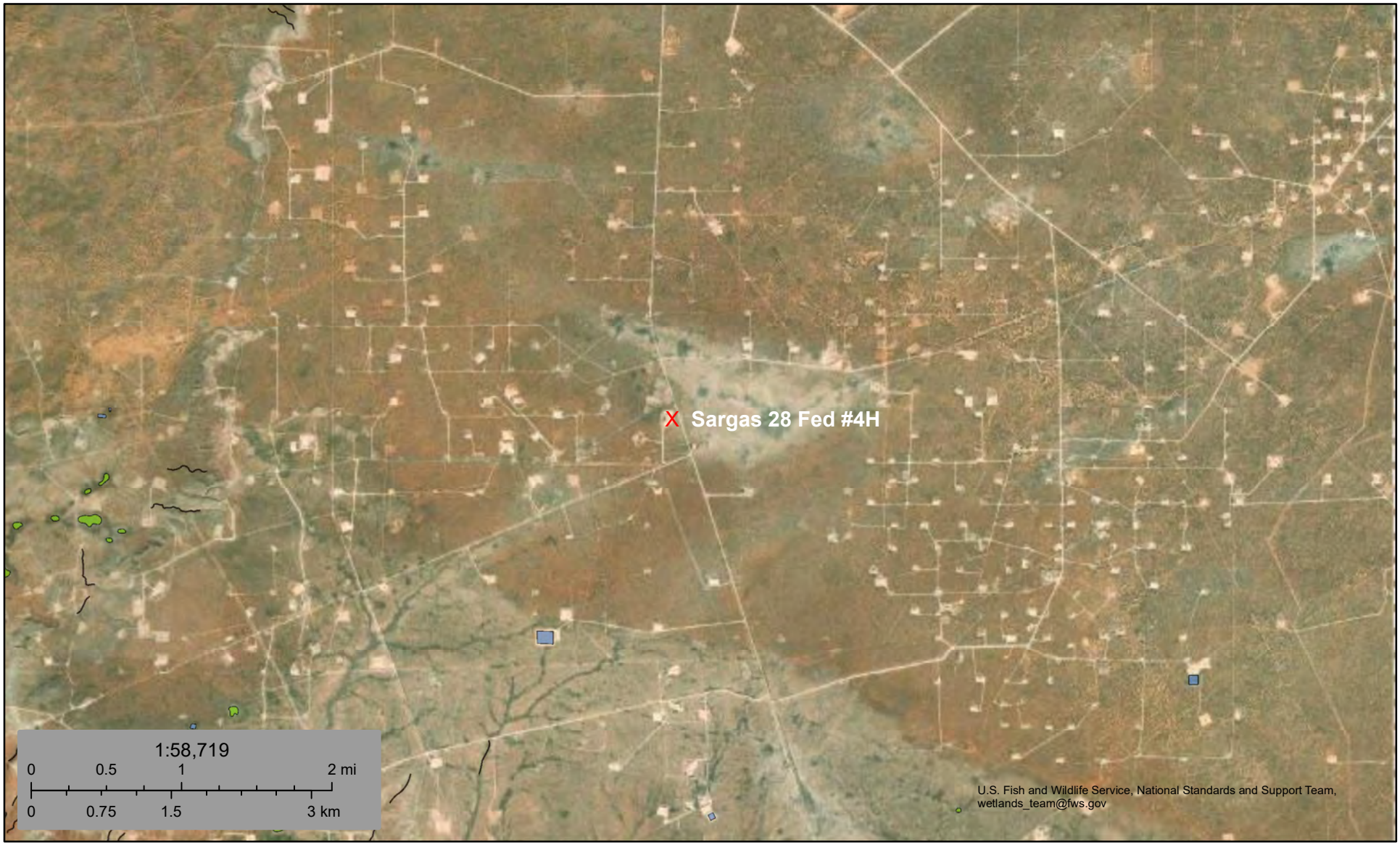
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/12/2021 at 1:40 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map



January 26, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

APPENDIX B

Soil Survey & Geological Data

Geologic Unit Map

Eddy Area, New Mexico

WK—Wink loamy fine sand, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w6c
Elevation: 2,700 to 5,000 feet
Mean annual precipitation: 5 to 14 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 250 days
Farmland classification: Not prime farmland

Map Unit Composition

Wink and similar soils: 98 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Wink

Setting

Landform: Depressions, swales
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 8 inches: loamy fine sand
H2 - 8 to 38 inches: fine sandy loam
H3 - 38 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 30 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Low (about 5.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A

Ecological site: Loamy Sand (R042XC003NM)
Hydric soil rating: No

Minor Components

Simona
Percent of map unit: 1 percent
Ecological site: Shallow Sandy (R042XC002NM)
Hydric soil rating: No

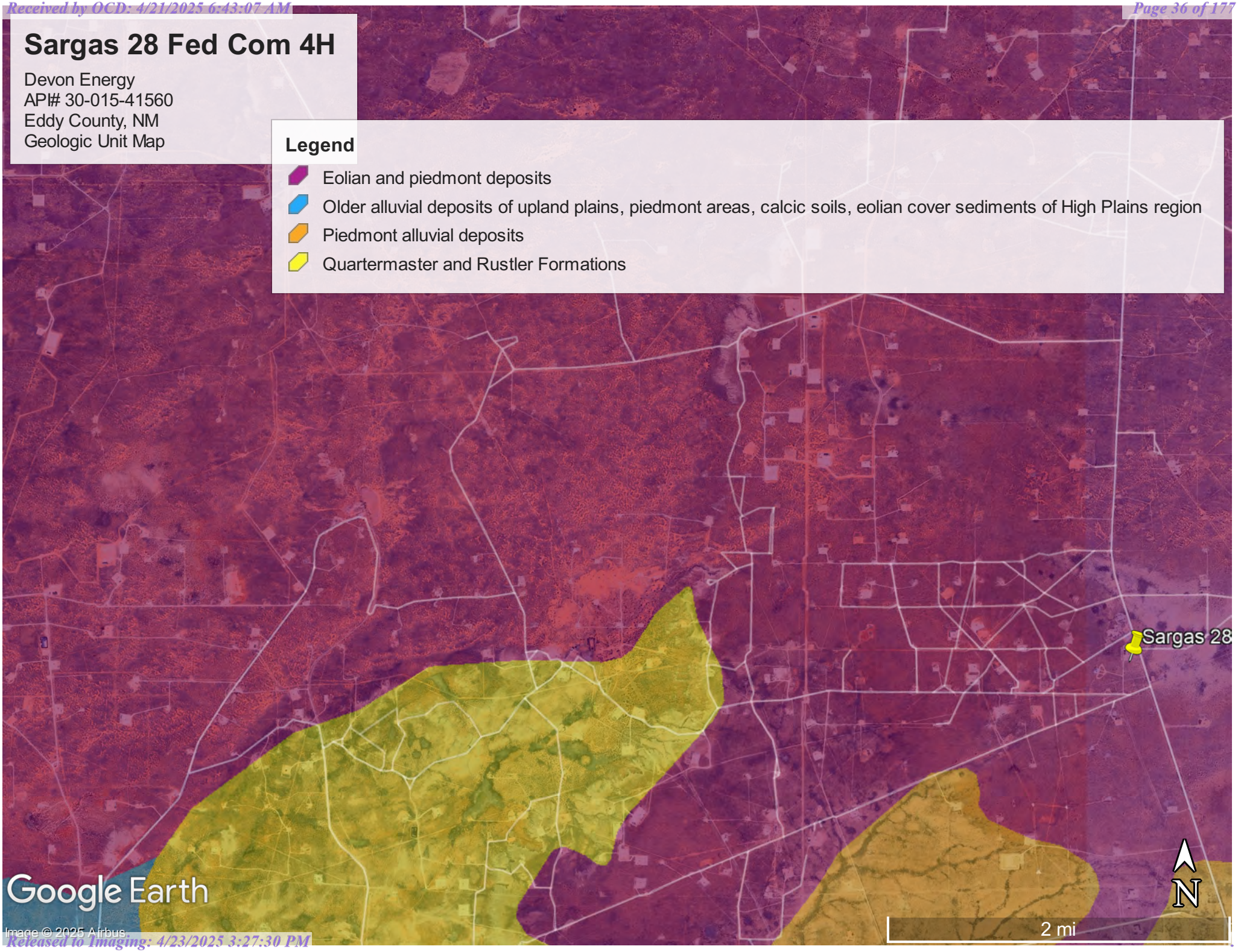
Wink
Percent of map unit: 1 percent
Ecological site: Sandy (R042XC004NM)
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 15, Sep 15, 2019

Sargas 28 Fed Com 4H

Devon Energy
API# 30-015-41560
Eddy County, NM
Geologic Unit Map



APPENDIX C

48-Hour Sampling Notification

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 419969

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 419969
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1727827603**
Incident Name	**NAB1727827603 SARGAS 28 FEDERAL COM 4H @ 30-015-41560**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-41560] SARGAS 28 FEDERAL COM #004H**

Location of Release Source	
Site Name	**SARGAS 28 FEDERAL COM 4H**
Date Release Discovered	**09/19/2017**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	400
What is the estimated number of samples that will be gathered	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/15/2025
Time sampling will commence	03:00 PM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.71568, -103.884201

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 419969

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 419969
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/13/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 419969

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 419969
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1727827603**
Incident Name	**NAB1727827603 SARGAS 28 FEDERAL COM 4H @ 30-015-41560**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-41560] SARGAS 28 FEDERAL COM #004H**

Location of Release Source	
Site Name	**SARGAS 28 FEDERAL COM 4H**
Date Release Discovered	**09/19/2017**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	400
What is the estimated number of samples that will be gathered	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/15/2025
Time sampling will commence	03:00 PM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.71568, -103.884201

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 419969

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 419969
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/13/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 432514

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432514
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1727827603**
Incident Name	**NAB1727827603 SARGAS 28 FEDERAL COM 4H @ 30-015-41560**
Incident Type	**Oil Release**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-41560] SARGAS 28 FEDERAL COM #004H**

Location of Release Source	
Site Name	**SARGAS 28 FEDERAL COM 4H**
Date Release Discovered	**09/19/2017**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	400
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/19/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.715168, -103.884201

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 432514
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/17/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 440770

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 440770
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1727827603**
Incident Name	**NAB1727827603 SARGAS 28 FEDERAL COM 4H @ 30-015-41560**
Incident Type	**Oil Release**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-015-41560] SARGAS 28 FEDERAL COM #004H**

Location of Release Source	
Site Name	**SARGAS 28 FEDERAL COM 4H**
Date Release Discovered	**09/19/2017**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	550
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/12/2025
Time sampling will commence	11:00 AM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.715168, -103.884201

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 440770
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/10/2025

APPENDIX D

Photographic Documentation

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

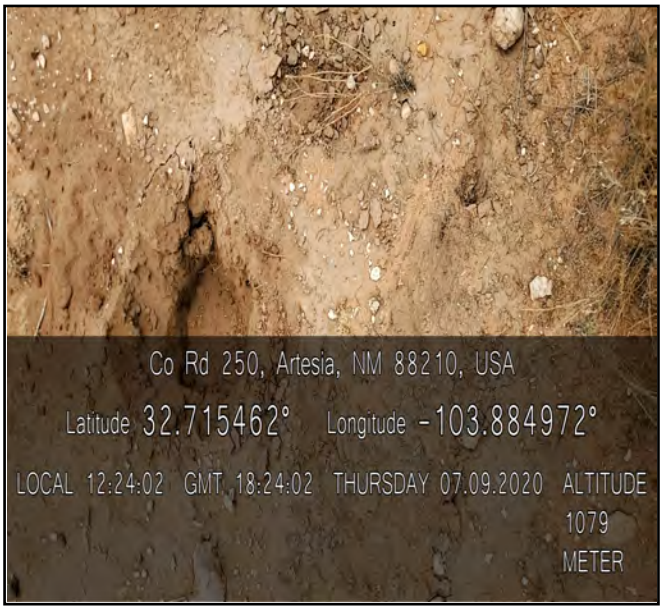
SITE NAME: Sargas 28 Fed 4H

Site Photographs :

Photograph taken during site assessment.

Photograph taken during site assessment.

Photograph taken during site assessment.



Photograph taken during site assessment.

Photograph taken during site assessment.

Photograph taken during site assessment.

Photograph taken during site assessment.

Pima Environmental Services, LLC.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sargas 28 Fed 4H

Post Bio-remediation Chemical Solution Photos :

Photograph taken post remediation.

Photograph taken post remediation.

Photograph taken post remediation.

Photograph taken post remediation.

Photograph taken post remediation.

Photograph taken post remediation.

Photograph taken post remediation.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sargas 28 Fed 4H

Assessment :

Photograph of site tech assessing the location facing Northwest.

Photograph of site tech assessing the location facing Southwest.

Photograph of site tech assessing the location facing Northwest.

Photograph of site tech assessing the location facing Southeast.

Assessment aerial photo.

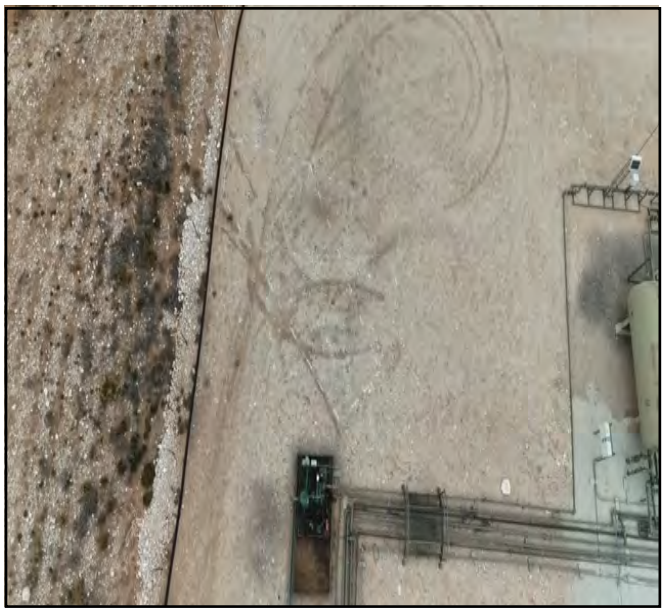
PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sargas 28 Fed 4H

Pre- Excavation :

Photograph of site tech showing location prior to excavation, facing northwest.

Photograph of site tech showing location prior to excavation, facing west.



Photograph of site tech showing location prior to excavation.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sargas 28 Fed 4H

Excavation :

Photograph taken during excavation facing northwest.

Photograph taken during excavation facing southeast.

Photograph taken during excavation.

Photograph taken during excavation.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Sargas 28 Fed 4H

Post Backfill :

Photo of the site backfilled with clean material Facing southeast.

Photo of the site backfilled with clean material Facing northwest.

APPENDIX E

Laboratory Reports

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

July 22, 2020

Chris Jones

Pima Environmental Services LLC
1601 N. Turner Ste 500
Hobbs, NM 88240
TEL: (575) 631-6977
FAX

RE: Sargas 28 Fed 4H OrderNo.: 2007724

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 9 sample(s) on 7/15/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2007724**
Date Reported: **7/22/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: BG1
Project: Sargas 28 Fed 4H
Collection Date: 7/9/2020 2:00:00 PM
Lab ID: 2007724-001 **Matrix:** SOIL **Received Date:** 7/15/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/17/2020 4:11:42 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/17/2020 4:11:42 PM
Surr: DNOP	111	55.1-146		%Rec	1	7/17/2020 4:11:42 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	59		mg/Kg	20	7/18/2020 9:24:41 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**
Benzene	ND	0.025		mg/Kg	1	7/16/2020 9:05:37 PM
Toluene	ND	0.050		mg/Kg	1	7/16/2020 9:05:37 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/16/2020 9:05:37 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/16/2020 9:05:37 PM
Surr: 1,2-Dichloroethane-d4	98.5	70-130		%Rec	1	7/16/2020 9:05:37 PM
Surr: 4-Bromofluorobenzene	94.2	70-130		%Rec	1	7/16/2020 9:05:37 PM
Surr: Dibromofluoromethane	103	70-130		%Rec	1	7/16/2020 9:05:37 PM
Surr: Toluene-d8	97.5	70-130		%Rec	1	7/16/2020 9:05:37 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/16/2020 9:05:37 PM
Surr: BFB	105	70-130		%Rec	1	7/16/2020 9:05:37 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Analytical Report
Lab Order **2007724**
Date Reported: **7/22/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: BG2
Project: Sargas 28 Fed 4H
Collection Date: 7/9/2020 2:05:00 PM
Lab ID: 2007724-002 **Matrix:** SOIL **Received Date:** 7/15/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/17/2020 4:21:50 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/17/2020 4:21:50 PM
Surr: DNOP	83.2	55.1-146		%Rec	1	7/17/2020 4:21:50 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	7/18/2020 10:01:42 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**
Benzene	ND	0.023		mg/Kg	1	7/16/2020 9:35:14 PM
Toluene	ND	0.046		mg/Kg	1	7/16/2020 9:35:14 PM
Ethylbenzene	ND	0.046		mg/Kg	1	7/16/2020 9:35:14 PM
Xylenes, Total	ND	0.092		mg/Kg	1	7/16/2020 9:35:14 PM
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	7/16/2020 9:35:14 PM
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	7/16/2020 9:35:14 PM
Surr: Dibromofluoromethane	105	70-130		%Rec	1	7/16/2020 9:35:14 PM
Surr: Toluene-d8	96.9	70-130		%Rec	1	7/16/2020 9:35:14 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/16/2020 9:35:14 PM
Surr: BFB	105	70-130		%Rec	1	7/16/2020 9:35:14 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2007724**
Date Reported: **7/22/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: BG3
Project: Sargas 28 Fed 4H
Collection Date: 7/9/2020 2:10:00 PM
Lab ID: 2007724-003 **Matrix:** SOIL **Received Date:** 7/15/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/17/2020 4:31:59 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/17/2020 4:31:59 PM
Surr: DNOP	93.7	55.1-146		%Rec	1	7/17/2020 4:31:59 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	7/18/2020 10:38:43 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**
Benzene	ND	0.024		mg/Kg	1	7/16/2020 10:04:44 PM
Toluene	ND	0.048		mg/Kg	1	7/16/2020 10:04:44 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/16/2020 10:04:44 PM
Xylenes, Total	ND	0.096		mg/Kg	1	7/16/2020 10:04:44 PM
Surr: 1,2-Dichloroethane-d4	98.3	70-130		%Rec	1	7/16/2020 10:04:44 PM
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	7/16/2020 10:04:44 PM
Surr: Dibromofluoromethane	102	70-130		%Rec	1	7/16/2020 10:04:44 PM
Surr: Toluene-d8	96.8	70-130		%Rec	1	7/16/2020 10:04:44 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/16/2020 10:04:44 PM
Surr: BFB	103	70-130		%Rec	1	7/16/2020 10:04:44 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2007724**
Date Reported: **7/22/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S1-0-6"
Project: Sargas 28 Fed 4H
Collection Date: 7/9/2020 2:15:00 PM
Lab ID: 2007724-004 **Matrix:** SOIL
Received Date: 7/15/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	6900	190		mg/Kg	20	7/17/2020 4:42:09 PM
Motor Oil Range Organics (MRO)	4500	950		mg/Kg	20	7/17/2020 4:42:09 PM
Surr: DNOP	0	55.1-146	S	%Rec	20	7/17/2020 4:42:09 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	7/18/2020 10:51:05 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**
Benzene	ND	0.12		mg/Kg	5	7/17/2020 2:57:33 PM
Toluene	ND	0.23		mg/Kg	5	7/17/2020 2:57:33 PM
Ethylbenzene	ND	0.23		mg/Kg	5	7/17/2020 2:57:33 PM
Xylenes, Total	ND	0.47		mg/Kg	5	7/17/2020 2:57:33 PM
Surr: 1,2-Dichloroethane-d4	94.9	70-130		%Rec	5	7/17/2020 2:57:33 PM
Surr: 4-Bromofluorobenzene	75.7	70-130		%Rec	5	7/17/2020 2:57:33 PM
Surr: Dibromofluoromethane	98.1	70-130		%Rec	5	7/17/2020 2:57:33 PM
Surr: Toluene-d8	96.8	70-130		%Rec	5	7/17/2020 2:57:33 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**
Gasoline Range Organics (GRO)	ND	23		mg/Kg	5	7/17/2020 2:57:33 PM
Surr: BFB	115	70-130		%Rec	5	7/17/2020 2:57:33 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2007724**
Date Reported: **7/22/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S1-1'
Project: Sargas 28 Fed 4H
Collection Date: 7/9/2020 2:20:00 PM
Lab ID: 2007724-005 **Matrix:** SOIL **Received Date:** 7/15/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	5800	190		mg/Kg	20	7/17/2020 4:52:21 PM
Motor Oil Range Organics (MRO)	4200	940		mg/Kg	20	7/17/2020 4:52:21 PM
Surr: DNOP	0	55.1-146	S	%Rec	20	7/17/2020 4:52:21 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	7/18/2020 11:28:08 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**
Benzene	ND	0.12		mg/Kg	5	7/16/2020 11:03:38 PM
Toluene	ND	0.24		mg/Kg	5	7/16/2020 11:03:38 PM
Ethylbenzene	ND	0.24		mg/Kg	5	7/16/2020 11:03:38 PM
Xylenes, Total	ND	0.48		mg/Kg	5	7/16/2020 11:03:38 PM
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	5	7/16/2020 11:03:38 PM
Surr: 4-Bromofluorobenzene	84.6	70-130		%Rec	5	7/16/2020 11:03:38 PM
Surr: Dibromofluoromethane	105	70-130		%Rec	5	7/16/2020 11:03:38 PM
Surr: Toluene-d8	96.7	70-130		%Rec	5	7/16/2020 11:03:38 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	7/16/2020 11:03:38 PM
Surr: BFB	109	70-130		%Rec	5	7/16/2020 11:03:38 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2007724**
Date Reported: **7/22/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S2-0-6"
Project: Sargas 28 Fed 4H
Collection Date: 7/9/2020 2:25:00 PM
Lab ID: 2007724-006 **Matrix:** SOIL
Received Date: 7/15/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	11000	500		mg/Kg	50	7/17/2020 5:02:33 PM
Motor Oil Range Organics (MRO)	11000	2500		mg/Kg	50	7/17/2020 5:02:33 PM
Surr: DNOP	0	55.1-146	S	%Rec	50	7/17/2020 5:02:33 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	110	59		mg/Kg	20	7/18/2020 11:40:28 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**
Benzene	ND	0.12		mg/Kg	5	7/16/2020 11:33:06 PM
Toluene	ND	0.24		mg/Kg	5	7/16/2020 11:33:06 PM
Ethylbenzene	ND	0.24		mg/Kg	5	7/16/2020 11:33:06 PM
Xylenes, Total	ND	0.49		mg/Kg	5	7/16/2020 11:33:06 PM
Surr: 1,2-Dichloroethane-d4	98.5	70-130		%Rec	5	7/16/2020 11:33:06 PM
Surr: 4-Bromofluorobenzene	95.2	70-130		%Rec	5	7/16/2020 11:33:06 PM
Surr: Dibromofluoromethane	104	70-130		%Rec	5	7/16/2020 11:33:06 PM
Surr: Toluene-d8	97.9	70-130		%Rec	5	7/16/2020 11:33:06 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	7/16/2020 11:33:06 PM
Surr: BFB	110	70-130		%Rec	5	7/16/2020 11:33:06 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order **2007724**
Date Reported: **7/22/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S3-0-6"
Project: Sargas 28 Fed 4H
Collection Date: 7/9/2020 2:30:00 PM
Lab ID: 2007724-007 **Matrix:** SOIL **Received Date:** 7/15/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	5200	470		mg/Kg	50	7/17/2020 5:12:51 PM
Motor Oil Range Organics (MRO)	5000	2300		mg/Kg	50	7/17/2020 5:12:51 PM
Surr: DNOP	0	55.1-146	S	%Rec	50	7/17/2020 5:12:51 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	400	61		mg/Kg	20	7/18/2020 11:52:49 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**
Benzene	ND	0.12		mg/Kg	5	7/17/2020 11:58:17 AM
Toluene	ND	0.24		mg/Kg	5	7/17/2020 11:58:17 AM
Ethylbenzene	ND	0.24		mg/Kg	5	7/17/2020 11:58:17 AM
Xylenes, Total	ND	0.49		mg/Kg	5	7/17/2020 11:58:17 AM
Surr: 1,2-Dichloroethane-d4	96.6	70-130		%Rec	5	7/17/2020 11:58:17 AM
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	5	7/17/2020 11:58:17 AM
Surr: Dibromofluoromethane	99.3	70-130		%Rec	5	7/17/2020 11:58:17 AM
Surr: Toluene-d8	95.3	70-130		%Rec	5	7/17/2020 11:58:17 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	7/17/2020 11:58:17 AM
Surr: BFB	111	70-130		%Rec	5	7/17/2020 11:58:17 AM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2007724**
Date Reported: **7/22/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S4-0-6"
Project: Sargas 28 Fed 4H
Collection Date: 7/9/2020 2:35:00 PM
Lab ID: 2007724-008 **Matrix:** SOIL **Received Date:** 7/15/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**
Diesel Range Organics (DRO)	26000	970		mg/Kg	100	7/17/2020 5:23:14 PM
Motor Oil Range Organics (MRO)	30000	4900		mg/Kg	100	7/17/2020 5:23:14 PM
Surr: DNOP	0	55.1-146	S	%Rec	100	7/17/2020 5:23:14 PM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	59		mg/Kg	20	7/18/2020 12:05:09 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**
Benzene	ND	0.025		mg/Kg	1	7/17/2020 12:28:00 PM
Toluene	ND	0.050		mg/Kg	1	7/17/2020 12:28:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/17/2020 12:28:00 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/17/2020 12:28:00 PM
Surr: 1,2-Dichloroethane-d4	98.4	70-130		%Rec	1	7/17/2020 12:28:00 PM
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	7/17/2020 12:28:00 PM
Surr: Dibromofluoromethane	100	70-130		%Rec	1	7/17/2020 12:28:00 PM
Surr: Toluene-d8	96.5	70-130		%Rec	1	7/17/2020 12:28:00 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/17/2020 12:28:00 PM
Surr: BFB	114	70-130		%Rec	1	7/17/2020 12:28:00 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2007724**
Date Reported: **7/22/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S5-0-6"
Project: Sargas 28 Fed 4H
Collection Date: 7/9/2020 2:40:00 PM
Lab ID: 2007724-009 **Matrix:** SOIL **Received Date:** 7/15/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JME**
Diesel Range Organics (DRO)	64	9.7		mg/Kg	1	7/19/2020 5:45:01 AM
Motor Oil Range Organics (MRO)	170	48		mg/Kg	1	7/19/2020 5:45:01 AM
Surr: DNOP	106	55.1-146		%Rec	1	7/19/2020 5:45:01 AM
EPA METHOD 300.0: ANIONS						Analyst: **CAS**
Chloride	ND	60		mg/Kg	20	7/18/2020 12:17:30 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **DJF**
Benzene	ND	0.023		mg/Kg	1	7/17/2020 12:57:48 PM
Toluene	ND	0.047		mg/Kg	1	7/17/2020 12:57:48 PM
Ethylbenzene	ND	0.047		mg/Kg	1	7/17/2020 12:57:48 PM
Xylenes, Total	ND	0.093		mg/Kg	1	7/17/2020 12:57:48 PM
Surr: 1,2-Dichloroethane-d4	97.1	70-130		%Rec	1	7/17/2020 12:57:48 PM
Surr: 4-Bromofluorobenzene	94.6	70-130		%Rec	1	7/17/2020 12:57:48 PM
Surr: Dibromofluoromethane	101	70-130		%Rec	1	7/17/2020 12:57:48 PM
Surr: Toluene-d8	96.4	70-130		%Rec	1	7/17/2020 12:57:48 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **DJF**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/17/2020 12:57:48 PM
Surr: BFB	111	70-130		%Rec	1	7/17/2020 12:57:48 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2007724**
22-Jul-20

Client: Pima Environmental Services LLC
Project: Sargas 28 Fed 4H

Sample ID: **MB-53800**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **53800**	RunNo: **70443**							
Prep Date: **7/18/2020**	Analysis Date: **7/18/2020**	SeqNo: **2449188**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-53800**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **53800**	RunNo: **70443**							
Prep Date: **7/18/2020**	Analysis Date: **7/18/2020**	SeqNo: **2449189**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2007724**
22-Jul-20

Client: Pima Environmental Services LLC
Project: Sargas 28 Fed 4H

Sample ID: **MB-53750** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **53750** RunNo: **70416**
Prep Date: **7/16/2020** Analysis Date: **7/17/2020** SeqNo: **2448420** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		112	55.1	146			

Sample ID: **LCS-53750** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **53750** RunNo: **70415**
Prep Date: **7/16/2020** Analysis Date: **7/17/2020** SeqNo: **2448671** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	97.0	70	130			
Surr: DNOP	4.0		5.000		79.0	55.1	146			

Sample ID: **MB-53759** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **53759** RunNo: **70415**
Prep Date: **7/16/2020** Analysis Date: **7/17/2020** SeqNo: **2448672** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		104	55.1	146			

Sample ID: **LCS-53759** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **53759** RunNo: **70415**
Prep Date: **7/16/2020** Analysis Date: **7/17/2020** SeqNo: **2448673** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.0		5.000		99.9	55.1	146			

Sample ID: **MB-53768** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **53768** RunNo: **70449**
Prep Date: **7/16/2020** Analysis Date: **7/18/2020** SeqNo: **2450409** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.6		10.00		86.2	55.1	146			

Sample ID: **LCS-53768** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **53768** RunNo: **70449**
Prep Date: **7/16/2020** Analysis Date: **7/18/2020** SeqNo: **2450412** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.1		5.000		82.6	55.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2007724**
22-Jul-20

Client: Pima Environmental Services LLC
Project: Sargas 28 Fed 4H

Sample ID: **mb-53736** SampType: **MBLK** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PBS** Batch ID: **53736** RunNo: **70397**
Prep Date: **7/15/2020** Analysis Date: **7/16/2020** SeqNo: **2447161** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		92.2	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.5	70	130			
Surr: Dibromofluoromethane	0.47		0.5000		94.7	70	130			
Surr: Toluene-d8	0.49		0.5000		98.0	70	130			

Sample ID: **lcs-53736** SampType: **LCS4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **BatchQC** Batch ID: **53736** RunNo: **70397**
Prep Date: **7/15/2020** Analysis Date: **7/16/2020** SeqNo: **2447162** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	107	80	120			
Toluene	1.0	0.050	1.000	0	104	80	120			
Ethylbenzene	1.1	0.050	1.000	0	107	80	120			
Xylenes, Total	3.2	0.10	3.000	0	107	80	120			
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		91.5	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.5000		98.7	70	130			
Surr: Dibromofluoromethane	0.49		0.5000		97.2	70	130			
Surr: Toluene-d8	0.48		0.5000		96.9	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2007724**
22-Jul-20

Client: Pima Environmental Services LLC
Project: Sargas 28 Fed 4H

Sample ID: **mb-53736** SampType: **MBLK** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **PBS** Batch ID: **53736** RunNo: **70397**
Prep Date: **7/15/2020** Analysis Date: **7/16/2020** SeqNo: **2447271** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	540		500.0		108	70	130			

Sample ID: **lcs-53736** SampType: **LCS** TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **LCSS** Batch ID: **53736** RunNo: **70397**
Prep Date: **7/15/2020** Analysis Date: **7/16/2020** SeqNo: **2447272** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	93.2	70	130			
Surr: BFB	540		500.0		108	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: Pima Environmental Services LLC | Work Order Number: **2007724** | RcptNo: 1

Received By: **Scott Anderson** 7/15/2020 9:30:00 AM

Completed By: **Juan Rojas** 7/15/2020 10:14:37 AM

Reviewed By: GM 7/15/20

Chain of Custody

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

Log In

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

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: DAD 7/15/20

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.4	Good				

Chain-of-Custody Record

Client: Pima Environmental

Mailing Address: 1601 N. Turner Ste 500
Hobbs, NM 88240

Phone #: 575-631-6977

email or Fax#: chris@pimaoil.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush 5 Day

Project Name: SARGAS 28 Fed #4H

Project #: WBS #208687.56

Project Manager: Chris Jones

Sampler:

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 3.3+0.1=3.4 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 200774	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride
7/9/20	1400		BH1	GLASS	ICE	-001											
	1405		BH2			-002											
	1410		BH3			-003											
	1415		S1-0-6"			-004											
	1420		S1-1'			-005											
	1425		S2-0-6"			-006											
	1430		S3-0-6"			-007											
	1435		S4-0-6"			-008											
	1440		S5-0-6"			-009											

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
7/14/20	0930				7/14/20	0930
7/14/20	1100		SPA Courier		7.15.20	9:30

Remarks: Devon Direct Bill

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

April 13, 2021

Tom Bynum

Pima Environmental Services LLC
1601 N. Turner Ste 500
Hobbs, NM 88240
TEL: (575) 631-6977
FAX:

RE: Sargas 28 Fed 4H OrderNo.: 2104265

Dear Tom Bynum:

Hall Environmental Analysis Laboratory received 4 sample(s) on 4/7/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2104265**
Date Reported: **4/13/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S-1 Surface
Project: Sargas 28 Fed 4H
Collection Date: 4/5/2021
Lab ID: 2104265-001 **Matrix:** SOIL **Received Date:** 4/7/2021 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	4/9/2021 3:51:23 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	4/9/2021 3:51:23 PM
Surr: DNOP	74.5	70-130		%Rec	1	4/9/2021 3:51:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/9/2021 12:31:49 PM
Surr: BFB	95.5	70-130		%Rec	1	4/9/2021 12:31:49 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2104265**
Date Reported: **4/13/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S-2 Surface
Project: Sargas 28 Fed 4H
Collection Date: 4/5/2021
Lab ID: 2104265-002 **Matrix:** SOIL **Received Date:** 4/7/2021 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	4/9/2021 4:01:05 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/9/2021 4:01:05 PM
Surr: DNOP	77.6	70-130		%Rec	1	4/9/2021 4:01:05 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/9/2021 1:42:21 PM
Surr: BFB	93.9	70-130		%Rec	1	4/9/2021 1:42:21 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2104265**
Date Reported: **4/13/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S-3 Surface
Project: Sargas 28 Fed 4H
Collection Date: 4/5/2021
Lab ID: 2104265-003 **Matrix:** SOIL **Received Date:** 4/7/2021 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/9/2021 4:10:45 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/9/2021 4:10:45 PM
Surr: DNOP	81.7	70-130		%Rec	1	4/9/2021 4:10:45 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/9/2021 2:05:54 PM
Surr: BFB	94.9	70-130		%Rec	1	4/9/2021 2:05:54 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2104265**
Date Reported: **4/13/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC
Client Sample ID: S-4 Surface
Project: Sargas 28 Fed 4H
Collection Date: 4/5/2021
Lab ID: 2104265-004 **Matrix:** SOIL **Received Date:** 4/7/2021 9:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **CLP**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/9/2021 4:20:23 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/9/2021 4:20:23 PM
Surr: DNOP	89.8	70-130		%Rec	1	4/9/2021 4:20:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/9/2021 3:16:31 PM
Surr: BFB	96.0	70-130		%Rec	1	4/9/2021 3:16:31 PM

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2104265**
13-Apr-21

Client: Pima Environmental Services LLC
Project: Sargas 28 Fed 4H

Sample ID: **MB-59293**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **59293**	RunNo: **76586**
Prep Date: **4/8/2021**	Analysis Date: **4/9/2021**	SeqNo: **2713306** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		119	70	130			

Sample ID: **LCS-59293**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **59293**	RunNo: **76586**
Prep Date: **4/8/2021**	Analysis Date: **4/9/2021**	SeqNo: **2713308** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	103	68.9	141			
Surr: DNOP	5.0		5.000		101	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2104265**

13-Apr-21

Client: Pima Environmental Services LLC

Project: Sargas 28 Fed 4H

Sample ID: **mb-59289** SampType: **MBLK** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **PBS** Batch ID: **59289** RunNo: **76573**

Prep Date: **4/7/2021** Analysis Date: **4/9/2021** SeqNo: **2713478** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	980		1000		97.9	70	130			

Sample ID: **lcs-59289** SampType: **LCS** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **LCSS** Batch ID: **59289** RunNo: **76573**

Prep Date: **4/7/2021** Analysis Date: **4/9/2021** SeqNo: **2713479** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.6	78.6	131			
Surr: BFB	1100		1000		106	70	130			

Sample ID: **2104265-001ams** SampType: **MS** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **S-1 Surface** Batch ID: **59289** RunNo: **76573**

Prep Date: **4/7/2021** Analysis Date: **4/9/2021** SeqNo: **2713481** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.63	0	101	61.3	114			
Surr: BFB	1100		985.2		107	70	130			

Sample ID: **2104265-001amsd** SampType: **MSD** TestCode: **EPA Method 8015D: Gasoline Range**

Client ID: **S-1 Surface** Batch ID: **59289** RunNo: **76573**

Prep Date: **4/7/2021** Analysis Date: **4/9/2021** SeqNo: **2713482** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.8	24.22	0	101	61.3	114	2.02	20	
Surr: BFB	1000		969.0		104	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: **Pima Environmental Services LLC** Work Order Number: **2104265** RcptNo: 1

Received By: **Juan Rojas** **4/7/2021 9:50:00 AM**

Completed By: **Cheyenne Cason** **4/7/2021 11:05:18 AM**

Reviewed By: JR 4/7/21

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	Checked by: SPA 4.7.21

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good				

Chain-of-Custody Record

Client: Pima Environmental
~~Hobbs~~ Lpr.
Mailing Address: 1601 N Turner Ste 500
Hobbs, NM, 88240
Phone #: 575-964-7740
email or Fax#: tom@pimaoil.com
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time: 4 Day
☑ Standard ☐ Rush
Project Name: Sargas 28 Fed 4H
Project #: 16
Project Manager: Tom Byrum
Sampler: Tristan Jones
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 0.9+0.1=1.0 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2104265	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4-5-21		soil	S-1 surface	glass	ice	001		✓								
↓		↓	S-2 surface	↓	↓	002		✓								
↓		↓	S-3 surface	↓	↓	003		✓								
↓		↓	S-4 surface	↓	↓	004		✓								

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
			[signature]		4/6/21	1130
Date: 4/6/21	Time: 1900	Relinquished by: [signature]	Received by: [signature]	Via: courier	Date 4/7/21	Time 9:50

Remarks: Bill to Devon
WBS #: 20868756

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Report to:

Tom Bynum

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Sargas 28 Fed Com 4H
Work Order:	E301036
Job Number:	01058-0007
Received:	1/11/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/13/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 1/13/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Sargas 28 Fed Com 4H
Workorder: E301036
Date Received: 1/11/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/11/2023 8:30:00AM, under the Project Name: Sargas 28 Fed Com 4H.

The analytical test results summarized in this report with the Project Name: Sargas 28 Fed Com 4H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	01/13/23 12:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E301036-01A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S1 - 3'	E301036-02A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S1 - 4'	E301036-03A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S1 - 5'	E301036-04A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S2 - 1'	E301036-05A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S2 - 3'	E301036-06A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S2 - 4'	E301036-07A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S2 - 5'	E301036-08A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S3 - 1'	E301036-09A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S3 - 3'	E301036-10A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S3 - 4'	E301036-11A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S3 - 5'	E301036-12A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S4 - 1'	E301036-13A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S4 - 3'	E301036-14A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S4 - 4'	E301036-15A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
S4 - 5'	E301036-16A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW1	E301036-17A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW2	E301036-18A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW3	E301036-19A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW4	E301036-20A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
BG1	E301036-21A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
BG2	E301036-22A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S1 - 1'

E301036-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.1 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*01/11/23*	*01/11/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	**527**	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S1 - 3'

E301036-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.5 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*01/11/23*	*01/11/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	**436**	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S1 - 4'

E301036-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*01/11/23*	*01/11/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	**215**	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S1 - 5'

E301036-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	**0.0282**	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*01/11/23*	*01/11/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	ND	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S2 - 1'

E301036-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.8 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		*97.0 %*	*50-200*	*01/11/23*	*01/11/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	**500**	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S2 - 3'

E301036-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.3 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*01/11/23*	*01/11/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	**459**	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S2 - 4'

E301036-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.8 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*01/11/23*	*01/11/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	**208**	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S2 - 5'

E301036-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	**0.0287**	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.3 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*01/11/23*	*01/11/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	ND	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S3 - 1'

E301036-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	**10700**	500	20	01/11/23	01/12/23	
Oil Range Organics (C28-C36)	**8640**	1000	20	01/11/23	01/12/23	
Surrogate: n-Nonane		*141 %*	*50-200*	*01/11/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	**41.0**	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S3 - 3'

E301036-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.4 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*01/11/23*	*01/11/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	**409**	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S3 - 4'

E301036-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.4 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		*98.7 %*	*50-200*	*01/11/23*	*01/11/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	**224**	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S3 - 5'

E301036-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	**0.0264**	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.5 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/12/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*01/11/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	ND	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S4 - 1'

E301036-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	**11500**	1250	50	01/11/23	01/12/23	
Oil Range Organics (C28-C36)	**8960**	2500	50	01/11/23	01/12/23	
Surrogate: n-Nonane		*172 %*	*50-200*	*01/11/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	**36.9**	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S4 - 3'

E301036-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/12/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*01/11/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	**414**	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S4 - 4'

E301036-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		*96.4 %*	*50-200*	*01/11/23*	*01/11/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	**265**	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

S4 - 5'

E301036-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	**0.0264**	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.3 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/12/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*01/11/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	ND	20.0	1	01/11/23	01/11/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

SW1

E301036-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	**0.0280**	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.2 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/12/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*01/11/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	ND	20.0	1	01/11/23	01/12/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

SW2

E301036-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	**0.0295**	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.3 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/12/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*01/11/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	ND	20.0	1	01/11/23	01/12/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

SW3

E301036-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	**0.0294**	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.3 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/12/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*01/11/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	ND	20.0	1	01/11/23	01/12/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

SW4

E301036-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	**0.0291**	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302037
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.8 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302039
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/12/23	
Surrogate: n-Nonane		*102 %*	*50-200*	*01/11/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302041
Chloride	ND	20.0	1	01/11/23	01/12/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

BG1

E301036-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302036
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302036
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/12/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*01/11/23*	*01/12/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302040
Chloride	ND	20.0	1	01/11/23	01/12/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

BG2

E301036-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2302036
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2302036
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*01/11/23*	*01/11/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2302038
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/12/23	
Surrogate: n-Nonane		*107 %*	*50-200*	*01/11/23*	*01/12/23*	*M4*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2302040
Chloride	ND	20.0	1	01/11/23	01/12/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2302036-BLK1)									Prepared: 01/11/23 Analyzed: 01/11/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.37*		*8.00*		*92.2*	*70-130*			
LCS (2302036-BS1)									Prepared: 01/11/23 Analyzed: 01/11/23
Benzene	4.21	0.0250	5.00		84.3	70-130			
Ethylbenzene	4.58	0.0250	5.00		91.6	70-130			
Toluene	4.61	0.0250	5.00		92.2	70-130			
o-Xylene	4.75	0.0250	5.00		95.0	70-130			
p,m-Xylene	9.32	0.0500	10.0		93.2	70-130			
Total Xylenes	14.1	0.0250	15.0		93.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.97*		*8.00*		*99.7*	*70-130*			
LCS Dup (2302036-BSD1)									Prepared: 01/11/23 Analyzed: 01/11/23
Benzene	4.50	0.0250	5.00		90.0	70-130	6.58	20	
Ethylbenzene	4.85	0.0250	5.00		97.1	70-130	5.76	20	
Toluene	4.89	0.0250	5.00		97.8	70-130	5.98	20	
o-Xylene	5.00	0.0250	5.00		100	70-130	5.05	20	
p,m-Xylene	9.86	0.0500	10.0		98.6	70-130	5.58	20	
Total Xylenes	14.9	0.0250	15.0		99.0	70-130	5.40	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.72*		*8.00*		*96.5*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2302037-BLK1)									Prepared: 01/11/23 Analyzed: 01/11/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.77*		*8.00*		*97.2*	*70-130*			
LCS (2302037-BS1)									Prepared: 01/11/23 Analyzed: 01/11/23
Benzene	4.34	0.0250	5.00		86.8	70-130			
Ethylbenzene	4.67	0.0250	5.00		93.5	70-130			
Toluene	4.71	0.0250	5.00		94.3	70-130			
o-Xylene	4.81	0.0250	5.00		96.2	70-130			
p,m-Xylene	9.48	0.0500	10.0		94.8	70-130			
Total Xylenes	14.3	0.0250	15.0		95.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.72*		*8.00*		*96.4*	*70-130*			
LCS Dup (2302037-BSD1)									Prepared: 01/11/23 Analyzed: 01/11/23
Benzene	4.23	0.0250	5.00		84.6	70-130	2.49	20	
Ethylbenzene	4.54	0.0250	5.00		90.9	70-130	2.78	20	
Toluene	4.59	0.0250	5.00		91.9	70-130	2.58	20	
o-Xylene	4.69	0.0250	5.00		93.8	70-130	2.51	20	
p,m-Xylene	9.23	0.0500	10.0		92.3	70-130	2.72	20	
Total Xylenes	13.9	0.0250	15.0		92.8	70-130	2.65	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.83*		*8.00*		*97.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2302036-BLK1)									Prepared: 01/11/23 Analyzed: 01/11/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.58*		*8.00*		*94.7*	*70-130*			
LCS (2302036-BS2)									Prepared: 01/11/23 Analyzed: 01/11/23
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.39*		*8.00*		*92.3*	*70-130*			
LCS Dup (2302036-BSD2)									Prepared: 01/11/23 Analyzed: 01/11/23
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.6	70-130	5.32	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.75*		*8.00*		*96.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2302037-BLK1)									Prepared: 01/11/23 Analyzed: 01/11/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.28*		*8.00*		*91.0*	*70-130*			
LCS (2302037-BS2)									Prepared: 01/11/23 Analyzed: 01/11/23
Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.9*	*70-130*			
LCS Dup (2302037-BSD2)									Prepared: 01/11/23 Analyzed: 01/11/23
Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		86.1	70-130	1.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.34*		*8.00*		*91.8*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2302038-BLK1)									Prepared: 01/11/23 Analyzed: 01/11/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.0*		*50.0*		*112*	*50-200*			
LCS (2302038-BS1)									Prepared: 01/11/23 Analyzed: 01/11/23
Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132			
Surrogate: n-Nonane	*49.2*		*50.0*		*98.4*	*50-200*			
Matrix Spike (2302038-MS1)				**Source: E301035-01**					Prepared: 01/11/23 Analyzed: 01/12/23
Diesel Range Organics (C10-C28)	12000	1250	250	12200	NR	38-132			M4
Surrogate: n-Nonane	*47.3*		*50.0*		*94.6*	*50-200*			
Matrix Spike Dup (2302038-MSD1)				**Source: E301035-01**					Prepared: 01/11/23 Analyzed: 01/12/23
Diesel Range Organics (C10-C28)	12000	1250	250	12200	NR	38-132	0.226	20	M4
Surrogate: n-Nonane	*47.3*		*50.0*		*94.5*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2302039-BLK1)									Prepared: 01/11/23 Analyzed: 01/11/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.2*		*50.0*		*110*	*50-200*			
LCS (2302039-BS1)									Prepared: 01/11/23 Analyzed: 01/11/23
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Surrogate: n-Nonane	*48.9*		*50.0*		*97.8*	*50-200*			
Matrix Spike (2302039-MS1)				**Source: E301036-15**					Prepared: 01/11/23 Analyzed: 01/11/23
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	*48.0*		*50.0*		*96.1*	*50-200*			
Matrix Spike Dup (2302039-MSD1)				**Source: E301036-15**					Prepared: 01/11/23 Analyzed: 01/11/23
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132	0.0524	20	
Surrogate: n-Nonane	*45.3*		*50.0*		*90.7*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2302040-BLK1)									Prepared: 01/11/23 Analyzed: 01/11/23
Chloride	ND	20.0							
LCS (2302040-BS1)									Prepared: 01/11/23 Analyzed: 01/11/23
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2302040-MS1)				**Source: E301034-01**					Prepared: 01/11/23 Analyzed: 01/11/23
Chloride	615	20.0	250	365	99.9	80-120			
Matrix Spike Dup (2302040-MSD1)				**Source: E301034-01**					Prepared: 01/11/23 Analyzed: 01/11/23
Chloride	622	20.0	250	365	103	80-120	1.16	20	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	1/13/2023 12:59:47PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2302041-BLK1)									Prepared: 01/11/23 Analyzed: 01/11/23
Chloride	ND	20.0							
LCS (2302041-BS1)									Prepared: 01/11/23 Analyzed: 01/11/23
Chloride	268	20.0	250		107	90-110			
Matrix Spike (2302041-MS1)				**Source: E301036-01**					Prepared: 01/11/23 Analyzed: 01/11/23
Chloride	746	20.0	250	527	87.7	80-120			
Matrix Spike Dup (2302041-MSD1)				**Source: E301036-01**					Prepared: 01/11/23 Analyzed: 01/11/23
Chloride	728	20.0	250	527	80.6	80-120	2.43	20	

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

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Fed Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	01/13/23 12:59

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

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

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

Project Information | Chain of Custody | Page 1 of 3

Client: Pima Environmental Services	Bill To
Project: Sargas 28 Fed Com 44	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 1-16
Report due by:	

Lab Use Only: Lab WO# E301036 | Job Number 01058-0007

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

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

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks
8:00	1/9/23	S	1	S1-1'	1	
8:05				S1-3'	2	
8:10				S1-4'	3	
8:15				S1-5'	4	
8:20				S2-1'	5	
8:25				S2-3'	6	
8:30				S2-4'	7	
8:35				S2-5	8	
8:40				S3-1'	9	
8:45				S3-3'	10	

Additional Instructions: Billing # 208687560

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1-10-23	12:00	Michelle Cuyle	1-10-23	1200
Michelle Cuyle	1-10-23	1630	Lorenzo Lei	1-10-23	1700
Lorenzo Lei	1-10-23	2345	Caitlin Chatman	1/11/23	8:30

Lab Use Only — Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

envirotech

Client: Pima Environmental Services	
Project: Sargas 28 Fed Com44	
Project Manager: Tom Bynum	
Address: 5614 N. Lovington Hwy.	
City, State, Zip Hobbs, NM, 88240	
Phone: 580-748-1613	
Email: tom@pimaoil.com	
Report due by:	

Bill To

Attention: Devon	
Address:	
City, State, Zip	
Phone:	
Email:	
Pima Project #	1-16

Lab Use Only

Lab WO#	Job Number
E301036	01058-0007

TAT

1D	2D	3D	Standard
			X

EPA Program

CWA	SDWA
RCRA	

State

NM	CO	UT	AZ	TX	
X					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
8:50	1/9/23	S	1	S3-4'	11									X				
8:55				S3-5'	12													
9:00				S4-1'	13													
9:05				S4-3'	14													
9:10				S4-4'	15													
9:15				S4-5'	16													
9:20				SW1	17													
9:25				SW2	18													
9:30				SW3	19													
9:35				SW4	20													

Additional Instructions: Billing # 20868756

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	1-10-23	12:00	Michelle Gaytan	1-10-23	1200
Michelle Gaytan	1-10-23	1630	Lorenzo Lei	1-10-23	1702
Lorenzo Lei	1-10-23	2345	Carlos Chute	1/11/23	8:30

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

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

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

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

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Project Information | Chain of Custody | Page 3 of 3

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: Sargas 28 Fed Com 44	Attention: Devon	Lab WO# E301036	Job Number 01058-0007
Project Manager: Tom Bynum	Address:	1D:	2D: 3D: Standard: X
Address: 5614 N. Lovington Hwy.	City, State, Zip	CWA:	SDWA: RCRA:
City, State, Zip Hobbs, NM, 88240	Phone:	State: NM X	CO UT AZ TX
Phone: 580-748-1613	Email:		
Email: tom@pimaoil.com	Pima Project # 1-12		
Report due by:			

Analysis and Method: DRO/ORO by 8015; GRO/DRO by 8015; BTEX by 8021; VOC by 8260; Metals 6010; Chloride 300.0; BGDOC NM; BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
9:40	1/9/23	S	1	BG1	21	X	
9:45	"	"	"	BG2	22	X	

Additional Instructions: Billing # 208 687 56

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
AB	1-10-23	1700	Michelle Cuyuk	1-10-23	1200
Michelle Cuyuk	1-10-23	1630	Lorenzo Lei	1-10-23	1702
Lorenzo Lei	1-10-23	2345	Caitlin Christian	1/11/23	8:30

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

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

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

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

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Envirotech Analytical Laboratory

Printed: 1/11/2023 9:59:47AM

Sample Receipt Checklist (SRC)

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	01/11/23 08:30	Work Order ID:	E301036
Phone:	(575) 631-6977	Date Logged In:	01/11/23 08:02	Logged In By:	Raina Schwanz
Email:	tom@pimaoil.com	Due Date:	01/17/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

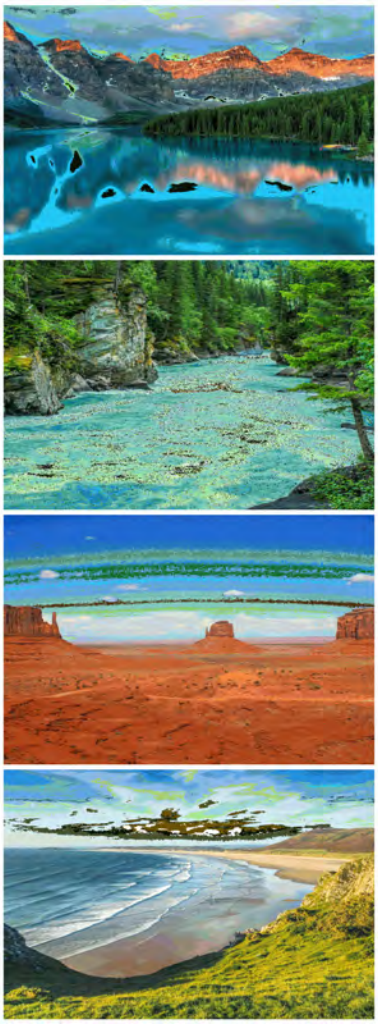
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Delrae Geller



5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name:	Sargas 28 Federal 4H
Work Order:	E501103
Job Number:	01058-0007
Received:	1/17/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/17/25

Date Reported: 1/17/25

Delrae Geller
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Sargas 28 Federal 4H
Workorder: E501103
Date Received: 1/17/2025 5:00:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/17/2025 5:00:00AM, under the Project Name: Sargas 28 Federal 4H.

The analytical test results summarized in this report with the Project Name: Sargas 28 Federal 4H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Devon Energy - Carlsbad	Project Name:	Sargas 28 Federal 4H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Delrae Geller	01/17/25 11:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-(0-1') Comp.	E501103-01A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
S2- (0-1') Comp.	E501103-02A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad	Project Name:	Sargas 28 Federal 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 11:54:34AM

S1-(0-1') Comp.

E501103-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2503093
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		*79.4 %*	*70-130*	*01/17/25*	*01/17/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2503093
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*01/17/25*	*01/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2503091
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		*105 %*	*50-200*	*01/16/25*	*01/17/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2503090
Chloride	ND	20.0	1	01/17/25	01/17/25	

Sample Data

Devon Energy - Carlsbad	Project Name:	Sargas 28 Federal 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 11:54:34AM

S2- (0-1') Comp.

E501103-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2503093
Benzene	ND	0.0250	1	01/17/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/17/25	
Toluene	ND	0.0250	1	01/17/25	01/17/25	
o-Xylene	ND	0.0250	1	01/17/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/17/25	
Surrogate: 4-Bromochlorobenzene-PID		*78.5 %*	*70-130*	*01/17/25*	*01/17/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2503093
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*01/17/25*	*01/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2503091
Diesel Range Organics (C10-C28)	ND	25.0	1	01/16/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/16/25	01/17/25	
Surrogate: n-Nonane		*106 %*	*50-200*	*01/16/25*	*01/17/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2503090
Chloride	ND	20.0	1	01/17/25	01/17/25	

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Sargas 28 Federal 4H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 11:54:34AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2503093-BLK1)									Prepared: 01/16/25 Analyzed: 01/16/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.07*		*8.00*		*88.4*	*70-130*			
LCS (2503093-BS1)									Prepared: 01/16/25 Analyzed: 01/17/25
Benzene	4.85	0.0250	5.00		96.9	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.6	70-130			
Toluene	4.85	0.0250	5.00		97.1	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.72	0.0500	10.0		97.2	70-130			
Total Xylenes	14.5	0.0250	15.0		96.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.01*		*8.00*		*87.6*	*70-130*			
LCS Dup (2503093-BSD1)									Prepared: 01/16/25 Analyzed: 01/17/25
Benzene	4.94	0.0250	5.00		98.8	70-130	1.91	20	
Ethylbenzene	4.89	0.0250	5.00		97.7	70-130	2.22	20	
Toluene	4.95	0.0250	5.00		99.0	70-130	1.99	20	
o-Xylene	4.86	0.0250	5.00		97.2	70-130	1.38	20	
p,m-Xylene	9.95	0.0500	10.0		99.5	70-130	2.30	20	
Total Xylenes	14.8	0.0250	15.0		98.7	70-130	2.00	20	
Surrogate: 4-Bromochlorobenzene-PID	*6.92*		*8.00*		*86.4*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Sargas 28 Federal 4H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 11:54:34AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2503093-BLK1)									Prepared: 01/16/25 Analyzed: 01/16/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*93.0*	*70-130*			
LCS (2503093-BS2)									Prepared: 01/16/25 Analyzed: 01/17/25
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.59*		*8.00*		*94.9*	*70-130*			
LCS Dup (2503093-BSD2)									Prepared: 01/16/25 Analyzed: 01/17/25
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.4	70-130	6.75	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.2*	*70-130*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Sargas 28 Federal 4H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 11:54:34AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2503091-BLK1)									Prepared: 01/16/25 Analyzed: 01/16/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.0*		*50.0*		*106*	*50-200*			
LCS (2503091-BS1)									Prepared: 01/16/25 Analyzed: 01/16/25
Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	*53.8*		*50.0*		*108*	*50-200*			
LCS Dup (2503091-BSD1)									Prepared: 01/16/25 Analyzed: 01/16/25
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132	2.03	20	
Surrogate: n-Nonane	*55.5*		*50.0*		*111*	*50-200*			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Sargas 28 Federal 4H	**Reported:**
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Delrae Geller	1/17/2025 11:54:34AM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2503090-BLK1)									Prepared: 01/16/25 Analyzed: 01/16/25
Chloride	ND	20.0							
LCS (2503090-BS1)									Prepared: 01/16/25 Analyzed: 01/16/25
Chloride	251	20.0	250		101	90-110			
LCS Dup (2503090-BSD1)									Prepared: 01/16/25 Analyzed: 01/16/25
Chloride	253	20.0	250		101	90-110	0.659	20	

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

Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Sargas 28 Federal 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	**Reported:**
Artesia NM, 88210	Project Manager:	Delrae Geller	01/17/25 11:54

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Devon	Company: Devon	Lab WO# E501103	Job Number 01058-0007	1D 2D 3D Std: X	NM CO UT TX: X
Project Name: Sargas 28 Federal 4H	Address:			
Project Manager: Delrae Geller	City, State, Zip:			
Address: 5614 North Lovington Hwy.	Phone:			
City, State, Zip: Hobbs, New Mexico, 88240	Email:			
Phone: (806) 724-6391	Miscellaneous: 1-16			
Email: Delrae@pimaoil.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg			EPA Program SDWA / CWA / RCRA	Remarks
3:11	1/15/25	S		S1-(0-1') COMP.		1						X						Compliance Y or N	
3:20	"	"		S2-(0-1') COMP.		2						"						PWSID #	

Additional Instructions: Billing# 21192297

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

Sampled by: _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Andrew Franco	1/15/25	5:16 PM	Karime Hamel	1/16/25	8:30
Karime Hamel	1/16/25	12:59 PM	Michelle Gonzales	1-16-25	1259
Michelle Gonzales	1-16-25	1520	[illegible] H.	1.16.25	1630
[illegible] H.	1.16.25	2230	[illegible] H. Hell	1-17-25	0500

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

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 1/17/2025 10:28:00AM

Sample Receipt Checklist (SRC)

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

Client:	Devon Energy - Carlsbad	Date Received:	01/17/25 05:00	Work Order ID:	E501103
Phone:	(575) 748-0176	Date Logged In:	01/16/25 14:21	Logged In By:	Caitlin Mars
Email:	delrae@pimaoil.com	Due Date:	01/17/25 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

No of containers and sampled by not provided on COC.

Client Instruction

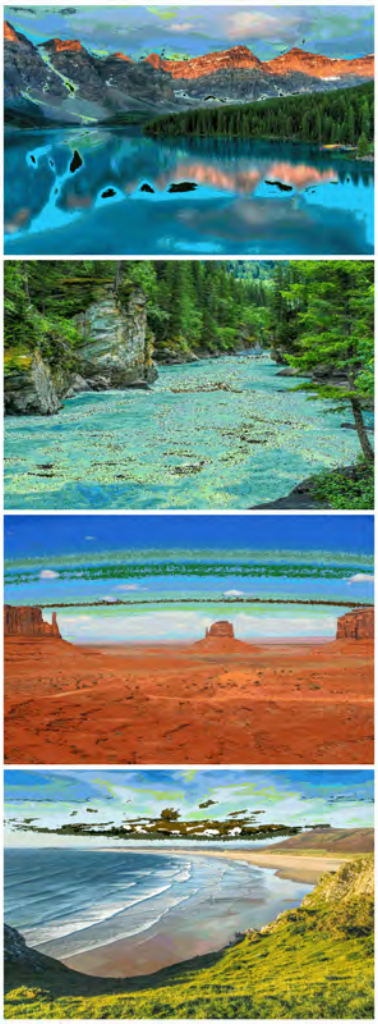
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Delrae Geller



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Sargas 28 Federal 4H
Work Order:	E502177
Job Number:	01058-0007
Received:	2/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/20/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 2/20/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247

Project Name: Sargas 28 Federal 4H
Workorder: E502177
Date Received: 2/20/2025 5:00:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/20/2025 5:00:00AM, under the Project Name: Sargas 28 Federal 4H.

The analytical test results summarized in this report with the Project Name: Sargas 28 Federal 4H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	02/20/25 15:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-COMP	E502177-01A	Soil	02/19/25	02/20/25	Glass Jar, 2 oz.
CS2-COMP	E502177-02A	Soil	02/19/25	02/20/25	Glass Jar, 2 oz.
CS3-COMP	E502177-03A	Soil	02/19/25	02/20/25	Glass Jar, 2 oz.
CS4-COMP	E502177-04A	Soil	02/19/25	02/20/25	Glass Jar, 2 oz.
CSW1-COMP	E502177-05A	Soil	02/19/25	02/20/25	Glass Jar, 2 oz.
CSW2-COMP	E502177-06A	Soil	02/19/25	02/20/25	Glass Jar, 2 oz.
CSW3-COMP	E502177-07A	Soil	02/19/25	02/20/25	Glass Jar, 2 oz.
CSW4-COMP	E502177-08A	Soil	02/19/25	02/20/25	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/20/2025 3:27:55PM

CS1-COMP

E502177-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.8 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2508086
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*02/20/25*	*02/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2508081
Chloride	ND	20.0	1	02/19/25	02/20/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/20/2025 3:27:55PM

CS2-COMP

E502177-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.9 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.9 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2508086
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*02/20/25*	*02/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2508081
Chloride	ND	20.0	1	02/19/25	02/20/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/20/2025 3:27:55PM

CS3-COMP

E502177-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.1 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2508086
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*02/20/25*	*02/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2508081
Chloride	ND	20.0	1	02/19/25	02/20/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/20/2025 3:27:55PM

CS4-COMP

E502177-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*77.8 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2508086
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*02/20/25*	*02/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2508081
Chloride	ND	20.0	1	02/19/25	02/20/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/20/2025 3:27:55PM

CSW1-COMP

E502177-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.1 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*75.9 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2508086
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*02/20/25*	*02/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2508081
Chloride	ND	20.0	1	02/19/25	02/20/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/20/2025 3:27:55PM

CSW2-COMP

E502177-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*75.5 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2508086
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*02/20/25*	*02/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2508081
Chloride	ND	20.0	1	02/19/25	02/20/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/20/2025 3:27:55PM

CSW3-COMP

E502177-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*76.0 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2508086
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*02/20/25*	*02/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2508081
Chloride	ND	20.0	1	02/19/25	02/20/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/20/2025 3:27:55PM

CSW4-COMP

E502177-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2508080
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*75.4 %*	*70-130*	*02/19/25*	*02/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2508086
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*02/20/25*	*02/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2508081
Chloride	ND	20.0	1	02/19/25	02/20/25	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/20/2025 3:27:55PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2508080-BLK1)									Prepared: 02/19/25 Analyzed: 02/19/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.81*		*8.00*		*85.1*	*70-130*			
LCS (2508080-BS1)									Prepared: 02/19/25 Analyzed: 02/19/25
Benzene	5.09	0.0250	5.00		102	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.5	70-130			
Toluene	5.00	0.0250	5.00		99.9	70-130			
o-Xylene	4.89	0.0250	5.00		97.7	70-130			
p,m-Xylene	9.90	0.0500	10.0		99.0	70-130			
Total Xylenes	14.8	0.0250	15.0		98.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.81*		*8.00*		*85.1*	*70-130*			
LCS Dup (2508080-BSD1)									Prepared: 02/19/25 Analyzed: 02/19/25
Benzene	5.15	0.0250	5.00		103	70-130	1.30	20	
Ethylbenzene	4.94	0.0250	5.00		98.7	70-130	1.27	20	
Toluene	5.06	0.0250	5.00		101	70-130	1.32	20	
o-Xylene	4.94	0.0250	5.00		98.8	70-130	1.03	20	
p,m-Xylene	10.0	0.0500	10.0		100	70-130	1.19	20	
Total Xylenes	15.0	0.0250	15.0		99.7	70-130	1.14	20	
Surrogate: 4-Bromochlorobenzene-PID	*6.83*		*8.00*		*85.4*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/20/2025 3:27:55PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2508080-BLK1)									Prepared: 02/19/25 Analyzed: 02/19/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.32*		*8.00*		*91.5*	*70-130*			
LCS (2508080-BS2)									Prepared: 02/19/25 Analyzed: 02/19/25
Gasoline Range Organics (C6-C10)	37.7	20.0	50.0		75.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.51*		*8.00*		*93.8*	*70-130*			
LCS Dup (2508080-BSD2)									Prepared: 02/19/25 Analyzed: 02/19/25
Gasoline Range Organics (C6-C10)	38.3	20.0	50.0		76.6	70-130	1.53	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.6*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/20/2025 3:27:55PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2508086-BLK1)									Prepared: 02/20/25 Analyzed: 02/20/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.1*		*50.0*		*94.2*	*61-141*			
LCS (2508086-BS1)									Prepared: 02/20/25 Analyzed: 02/20/25
Diesel Range Organics (C10-C28)	255	25.0	250		102	66-144			
Surrogate: n-Nonane	*47.0*		*50.0*		*94.0*	*61-141*			
LCS Dup (2508086-BSD1)									Prepared: 02/20/25 Analyzed: 02/20/25
Diesel Range Organics (C10-C28)	259	25.0	250		103	66-144	1.55	20	
Surrogate: n-Nonane	*47.8*		*50.0*		*95.7*	*61-141*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	2/20/2025 3:27:55PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2508081-BLK1)									Prepared: 02/19/25 Analyzed: 02/19/25
Chloride	ND	20.0							
LCS (2508081-BS1)									Prepared: 02/19/25 Analyzed: 02/19/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2508081-MS1)				**Source: E502175-02**					Prepared: 02/19/25 Analyzed: 02/19/25
Chloride	268	20.0	250	ND	107	80-120			
Matrix Spike Dup (2508081-MSD1)				**Source: E502175-02**					Prepared: 02/19/25 Analyzed: 02/19/25
Chloride	269	20.0	250	ND	107	80-120	0.262	20	

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

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	02/20/25 15:27

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only		TAT				State				
Client: Pima Environmental Services, LLC	Company: Devon Energy	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: Sargas 28 Federal 4H	Address:	E502177	01058-0007	X				X				
Project Manager: DelRae Geller	City, State, Zip:											
Address: 5614 N Lovington Hwy	Phone:											
City, State, Zip: Hobbs, NM 88240	Email:											
Phone: 806-724-5391	Miscellaneous: Project No. #1-16											
Email: delrae@pimaoil.com												

Sample Information							Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg		SDWA	CWA	RCRA
8:00	2/19/2025	S		CS1-COMP.		1						X					Compliance	Y	or N
8:11				CS2-COMP.		2											PWSID #		
8:17				CS3-COMP.		3											Remarks		
8:27				CS4-COMP.		4													
8:29				CSW1-COMP.		5													
8:33				CSW2-COMP.		6													
8:39				CSW3-COMP.		7													
8:44				CSW4-COMP.		8													

Additional Instructions: W/O # 21192297

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

Sampled by: Andrew Franco

Relinquished by: (Signature) Andrew Franco	Date 2/19/25	Time 11:06	Received by: (Signature) Karime Adame	Date 2/19/25	Time 11:16	
Relinquished by: (Signature) Karime Adame	Date 2/19/25	Time 11:58	Received by: (Signature) Michelle Gonzales	Date 2.19.25	Time 1420	
Relinquished by: (Signature) Michelle Gonzales	Date 2-19-25	Time 1620	Received by: (Signature) Richard Gonzales	Date 2-19-25	Time 1620	
Relinquished by: (Signature) Richard Gonzales	Date 2-19-25	Time 2200	Received by: (Signature) Murph L Hall	Date 2-20-25	Time 0500	

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

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp oC 4

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 2/20/2025 8:45:58AM

Sample Receipt Checklist (SRC)

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	02/20/25 05:00	Work Order ID:	E502177
Phone:	(575) 631-6977	Date Logged In:	02/19/25 14:48	Logged In By:	Caitlin Mars
Email:		Due Date:	02/20/25 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

No of containers not provided on COC.

Client Instruction

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

Date

envirotech Inc.

Report to:

Delrae Geller

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Sargas 28 Federal Com 4H
Work Order:	E503093
Job Number:	01058-0007
Received:	3/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/14/25

Date Reported: 3/14/25

Delrae Geller
PO Box 247
Plains, TX 79355-0247

Project Name: Sargas 28 Federal Com 4H
Workorder: E503093
Date Received: 3/14/2025 4:30:00AM

Delrae Geller,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/14/2025 4:30:00AM, under the Project Name: Sargas 28 Federal Com 4H.

The analytical test results summarized in this report with the Project Name: Sargas 28 Federal Com 4H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Field Offices:

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal Com 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	03/14/25 14:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Backfill 1	E503093-01A	Soil	03/12/25	03/14/25	Glass Jar, 2 oz.
Backfill 2	E503093-02A	Soil	03/12/25	03/14/25	Glass Jar, 2 oz.
S1-Surface	E503093-03A	Soil	03/12/25	03/14/25	Glass Jar, 2 oz.
S2-Surface	E503093-04A	Soil	03/12/25	03/14/25	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	3/14/2025 2:01:05PM

Backfill 1

E503093-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Benzene	ND	0.0250	1	03/14/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/14/25	03/14/25	
Toluene	ND	0.0250	1	03/14/25	03/14/25	
o-Xylene	ND	0.0250	1	03/14/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/14/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/14/25	03/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*80.1 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/25	03/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.5 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/14/25	03/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/14/25	03/14/25	
Surrogate: n-Nonane		*98.7 %*	*61-141*	*03/14/25*	*03/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2511069
Chloride	**90.6**	20.0	1	03/14/25	03/14/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	3/14/2025 2:01:05PM

Backfill 2

E503093-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Benzene	ND	0.0250	1	03/14/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/14/25	03/14/25	
Toluene	ND	0.0250	1	03/14/25	03/14/25	
o-Xylene	ND	0.0250	1	03/14/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/14/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/14/25	03/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*80.0 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/25	03/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/14/25	03/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/14/25	03/14/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*03/14/25*	*03/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2511069
Chloride	**86.3**	20.0	1	03/14/25	03/14/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	3/14/2025 2:01:05PM

S1-Surface

E503093-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Benzene	ND	0.0250	1	03/14/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/14/25	03/14/25	
Toluene	ND	0.0250	1	03/14/25	03/14/25	
o-Xylene	ND	0.0250	1	03/14/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/14/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/14/25	03/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*82.4 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/25	03/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/14/25	03/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/14/25	03/14/25	
Surrogate: n-Nonane		*94.1 %*	*61-141*	*03/14/25*	*03/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2511069
Chloride	ND	20.0	1	03/14/25	03/14/25	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	3/14/2025 2:01:05PM

S2-Surface

E503093-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Benzene	ND	0.0250	1	03/14/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/14/25	03/14/25	
Toluene	ND	0.0250	1	03/14/25	03/14/25	
o-Xylene	ND	0.0250	1	03/14/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/14/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/14/25	03/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.7 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2511068
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/14/25	03/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.3 %*	*70-130*	*03/14/25*	*03/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2511070
Diesel Range Organics (C10-C28)	ND	25.0	1	03/14/25	03/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/14/25	03/14/25	
Surrogate: n-Nonane		*96.0 %*	*61-141*	*03/14/25*	*03/14/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2511069
Chloride	ND	20.0	1	03/14/25	03/14/25	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal Com 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	3/14/2025 2:01:05PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2511068-BLK1)									Prepared: 03/14/25 Analyzed: 03/14/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.33*		*8.00*		*79.2*	*70-130*			
LCS (2511068-BS1)									Prepared: 03/14/25 Analyzed: 03/14/25
Benzene	4.94	0.0250	5.00		98.7	70-130			
Ethylbenzene	4.74	0.0250	5.00		94.7	70-130			
Toluene	4.86	0.0250	5.00		97.1	70-130			
o-Xylene	4.69	0.0250	5.00		93.8	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.3	0.0250	15.0		95.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.38*		*8.00*		*79.8*	*70-130*			
LCS Dup (2511068-BSD1)									Prepared: 03/14/25 Analyzed: 03/14/25
Benzene	4.98	0.0250	5.00		99.5	70-130	0.802	20	
Ethylbenzene	4.77	0.0250	5.00		95.5	70-130	0.803	20	
Toluene	4.89	0.0250	5.00		97.9	70-130	0.774	20	
o-Xylene	4.74	0.0250	5.00		94.8	70-130	1.07	20	
p,m-Xylene	9.71	0.0500	10.0		97.1	70-130	0.855	20	
Total Xylenes	14.4	0.0250	15.0		96.3	70-130	0.925	20	
Surrogate: 4-Bromochlorobenzene-PID	*6.32*		*8.00*		*78.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal Com 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	3/14/2025 2:01:05PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2511068-BLK1)									Prepared: 03/14/25 Analyzed: 03/14/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.64*		*8.00*		*95.4*	*70-130*			
LCS (2511068-BS2)									Prepared: 03/14/25 Analyzed: 03/14/25
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0		84.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.70*		*8.00*		*96.3*	*70-130*			
LCS Dup (2511068-BSD2)									Prepared: 03/14/25 Analyzed: 03/14/25
Gasoline Range Organics (C6-C10)	42.3	20.0	50.0		84.7	70-130	0.588	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.79*		*8.00*		*97.4*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal Com 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	3/14/2025 2:01:05PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2511070-BLK1)									Prepared: 03/14/25 Analyzed: 03/14/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.3*		*50.0*		*96.6*	*61-141*			
LCS (2511070-BS1)									Prepared: 03/14/25 Analyzed: 03/14/25
Diesel Range Organics (C10-C28)	216	25.0	250		86.4	66-144			
Surrogate: n-Nonane	*49.3*		*50.0*		*98.6*	*61-141*			
Matrix Spike (2511070-MS1)				**Source: E503093-02**					Prepared: 03/14/25 Analyzed: 03/14/25
Diesel Range Organics (C10-C28)	220	25.0	250	ND	88.1	56-156			
Surrogate: n-Nonane	*50.1*		*50.0*		*100*	*61-141*			
Matrix Spike Dup (2511070-MSD1)				**Source: E503093-02**					Prepared: 03/14/25 Analyzed: 03/14/25
Diesel Range Organics (C10-C28)	220	25.0	250	ND	87.9	56-156	0.157	20	
Surrogate: n-Nonane	*50.9*		*50.0*		*102*	*61-141*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal Com 4H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Delrae Geller	3/14/2025 2:01:05PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2511069-BLK1)									Prepared: 03/14/25 Analyzed: 03/14/25
Chloride	ND	20.0							
LCS (2511069-BS1)									Prepared: 03/14/25 Analyzed: 03/14/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2511069-MS1)				**Source: E503093-03**					Prepared: 03/14/25 Analyzed: 03/14/25
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2511069-MSD1)				**Source: E503093-03**					Prepared: 03/14/25 Analyzed: 03/14/25
Chloride	257	20.0	250	ND	103	80-120	0.178	20	

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

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Sargas 28 Federal Com 4H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Delrae Geller	03/14/25 14:01

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only		TAT				State				
Client: Pima Environmental Services, LLC	Company: Devon Energy	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: Sargas 28 Federal Com 4H	Address:	E503093	01058-0007	X				X				
Project Manager: DelRae Geller	City, State, Zip:											
Address: 5614 N Lovington Hwy	Phone:											
City, State, Zip: Hobbs, NM 88240	Email:											
Phone: 806-724-5391	Miscellaneous: Project No. #1-16											
Email: delrae@pimaoil.com												

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg			Remarks
11:00	3/12/2025	S		Backfill 1		1						X						
11:07	3/12/2025	S		Backfill 2		2						X						
11:13	3/12/2025	S		S1- Surface		3						X						
11:28	3/12/2025	S		S2- Surface		4						X						

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance | Y | or | N

PWSID #

Additional Instructions: W/O # 21192297

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

Sampled by: Andrew Franco

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Andrew Franco	3/12/25	2:03	Clarime Adame	3/13/25	9:02
Clarime Adame	3/13/25	1:05	Michelle Gonzales	3-13-25	1305
Michelle Gonzales	3-13-25	1700		3.13.25	1700
	3.13.25	2300		3-14-25	0430

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

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp oC 4

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

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 3/14/2025 8:31:24AM

Sample Receipt Checklist (SRC)

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	03/14/25 04:30	Work Order ID:	E503093
Phone:	(575) 631-6977	Date Logged In:	03/13/25 15:55	Logged In By:	Noe Soto
Email:		Due Date:	03/14/25 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

No. of containers not provided on COC.

Client Instruction

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

Date

envirotech Inc.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
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Online Phone Directory
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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

Action 453614

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 453614
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAB1727827603**
Incident Name	**NAB1727827603 SARGAS 28 FEDERAL COM 4H @ 30-015-41560**
Incident Type	**Oil Release**
Incident Status	**Reclamation Report Received**
Incident Well	**[30-015-41560] SARGAS 28 FEDERAL COM #004H**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SARGAS 28 FEDERAL COM 4H
Date Release Discovered	09/19/2017
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Separator | Crude Oil | Released: 1 BBL | Recovered: 0 BBL | Lost: 1 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 453614
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**More info needed to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	*Unavailable.*
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/19/2025

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 453614
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	527
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	56000
GRO+DRO	(EPA SW-846 Method 8015M)	26000
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		02/13/2025
On what date will (or did) the final sampling or liner inspection occur		03/12/2025
On what date will (or was) the remediation complete(d)		03/16/2025
What is the estimated surface area (in square feet) that will be reclaimed		550
What is the estimated volume (in cubic yards) that will be reclaimed		41
What is the estimated surface area (in square feet) that will be remediated		550
What is the estimated volume (in cubic yards) that will be remediated		41
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 453614
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/19/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 453614
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 453614
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**440770**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**03/12/2025**
What was the (estimated) number of samples that were to be gathered	**4**
What was the sampling surface area in square feet	**550**

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	550
What was the total volume (cubic yards) remediated	41
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	550
What was the total volume (in cubic yards) reclaimed	41
Summarize any additional remediation activities not included by answers (above)	Standard remediation of contaminated area, all information included above.

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.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/19/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 453614
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	550
What was the total volume of replacement material (in cubic yards) for this site	41
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a 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.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	12/01/2040
Summarize any additional reclamation activities not included by answers (above)	Reclaimed spill area.
The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 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.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/21/2025

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 453614
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 453614
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	4/23/2025
amaxwell	A revegetation report will not be accepted until revegetation 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.	4/23/2025
amaxwell	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	4/23/2025