



October 28, 2022

NMOCD District 2
Mr. Mike Bratcher
Artesia, NM 88210

Re: Site Assessment, Remediation, and Closure Report
Dominator Water Reuse Site
API No. N/A
GPS: Latitude 32.0961580 Longitude -103.5248629
UL "N", Sec. 25, T25S, R33E
Lea County, NM
NMOCD Ref. No. NAPP2220355675

Paragon Environmental, LLC (Paragon) has been contracted by Aris Water Midstream, LLC (Aris) to perform a spill assessment and remediation activities for the Release Site known as the Dominator Water Reuse Site (Dominator). Details of the release are summarized below:

Release Details			
Type of Release:	Produced Water	Volume of Release:	100 bbls
		Volume Recovered:	90 bbls
Source of Release:	Frac Tanks	Date of Release:	07/21/22
Was Immediate Notice Given?	Yes	If, Yes, to Whom?	Mike Bratcher, NMOCD
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse:	N/A
Surface Owner:	Federal	Mineral Owner:	
During routine operation, the crew was alerted that several of the frac tanks were overflowing. Overflow was reportedly caused by a partially closed main discharge valve. Overflow was mostly captured in secondary containment with some water escaping onto adjacent soil.			

Topographical and Aerial Maps are provided in Figures #2 and #4. A copy of the Initial Release Notification and Corrective Action (NMOCD Form C-141) can be found in Appendix C.

REGULATORY FRAMEWORK

Surface impacts from unauthorized releases of fluids or gases are generally regulated by the New Mexico Oil Conservation Division (NMOCD) in accordance with 19.15.29 of the New Mexico Administrative Code (NMAC). 19.15.29 NMAC establishes reporting, site assessment/characterization, remediation, closure, variance, and enforcement procedures. Table I of 19.15.29.12 NMAC determines the closure criteria for soils impacted by a release based on depth to groundwater and the following characteristics:

Site Characteristics	
Approximate Depth to Groundwater	<50'
Within 330 ft. of any continuously flowing or significant watercourse?	NO
Within 200 ft. of any lakebed, sinkhole, or playa lake?	NO
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	NO
Within 500 ft. of a spring, or private, domestic fresh water well?	NO
Within 1000 ft. of any fresh water well?	NO
Within the incorporated municipal boundaries or within a municipal well field?	NO
Within 300 ft. of a wetland?	NO
Within the area overlying a subsurface mine?	NO
Within an unstable area such as Karst?	NO
Within a 100-year floodplain?	NO

A search of the groundwater database maintained by the New Mexico Office of the State Engineer (NMOSE) was conducted to determine the average groundwater depth within and identify any registered water wells within ½ Mile of the Release Site. The data initially found on the State Engineers website could not locate any data within the ½ mile radius, so we treated this site as if it had groundwater at <50'.

Depth to groundwater information is provided in Appendix A.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Eolian and piedmont deposits (Holocene to middle Pleistocene)—Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Pyote and Maljamar fine sands, with 0 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage courses in this area are well-drained. There is NOT a high potential for karst geology to be present around the Dominator (Figure #3).

The Soil Survey and FEMA Flood Map are provided in Appendix B. A Karst Map is provided in Figure #3.

TABLE I CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE			
	Constituent	Method	Limit
<50 Feet	Chloride	EPA 300.0	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

INITIAL SITE ASSESSMENT & SOIL SAMPLING EVENT

On August 8, 2022, Paragon conducted an initial site assessment. During the initial site assessment, it was determined to gather samples in the area where the spill had run off of the liner and onto the pad. Five (5) soil samples were collected in this area in an effort to determine the vertical extent of soil impact. These samples were collected in accordance with NMAC 19.15.29 and submitted to an approved laboratory for analysis. A table summarizing laboratory analytical results from soil samples collected during the above-stated activities is provided below:

8-2-22 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 8-2-22		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg	Combined Closure Criteria ≤ 100 mg/kg			Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S-1	Surface	13.8	0.055	956	34800	6320	42076	5440
S-2	Surface	40.4	ND	2630	39200	6050	41830	272
S-2	1'	0.341	ND	22.1	788	145	955.1	160
S-3	Surface	115	ND	3890	30300	4930	39120	320
S-3	1'	29.5	ND	735	7390	1110	9235	240
S-4	Surface	10.7	ND	1210	34300	5780	41290	48
S-4	1'	0.314	ND	23.3	988	174	1185.3	80
S-5	Surface	78.2	ND	3420	35100	6060	44580	32
S-5	1'	ND	ND	ND	213	33.5	246.5	48
S-5	2'	ND	ND	ND	69.4	ND	69.4	80

ND-Analyte Not Detected

All Laboratory analytical reports are provided in Appendix E. A Site Map & Sample Maps are provided in Figures #1, #5, and #6.

REMEDIATION ACTIVITIES

On August 17th, 2022, Paragon mobilized personnel and heavy equipment to conduct remedial activities. Based on the analytical results, site characteristics, and field observations made during the site assessment, the following remedial activities were undertaken to advance this towards an NMOCD approved closure:

- Utilizing mechanical equipment, we excavated the impacted soil above the NMOCD Closure Criteria to a depth of 1.5 feet BGS.

Once the area was excavated to the specified depth, we emailed the NMOCD and conducted preliminary bottom composite confirmation samples. We utilized composite sampling, where each sample was representative of no more than 200 sq/ft. The results of this event are in the following data table:

8-30-22 Preliminary Bottom Samples

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 8-30-22		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg	Combined Closure Criteria ≤ 100 mg/kg			Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
BC-1	1.5'	ND	ND	ND	107	15.1	122.1	80
BC-2	1.5'	ND	ND	ND	578	111	578	320
BC-3	1.5'	ND	ND	ND	25.4	ND	25.4	96
BC-4	1.5'	ND	ND	ND	11.3	ND	11.3	144
BC-5	1.5'	ND	ND	ND	354	43.4	397.4	240
BC-6	1.5'	ND	ND	ND	213	28.4	241.4	80
BC-7	1.5'	ND	ND	ND	244	28.3	272.3	96
BC-8	1.5'	ND	ND	ND	ND	ND	0	48
BC-9	1.5'	ND	ND	ND	397	61.2	458.2	112
BC-10	1.5'	ND	ND	ND	277	44.1	321.1	80
BC-11	1.5'	ND	ND	ND	764	131	895	48
N-SW1	1.5'	ND	ND	ND	ND	ND	0	48
N-SW2	1.5'	ND	ND	ND	ND	ND	0	64
E-SW1	1.5'	ND	ND	ND	ND	ND	0	80
E-SW2	1.5'	ND	ND	ND	ND	ND	0	48
S-SW1	1.5'	ND	ND	ND	ND	ND	0	48
S-SW2	1.5'	ND	ND	ND	ND	ND	0	64
S-SW3	1.5'	ND	ND	ND	ND	ND	0	64
W-SW1	1.5'	ND	ND	ND	ND	ND	0	80
W-SW2	1.5'	ND	ND	ND	ND	ND	0	80
W-SW3	1.5'	ND	ND	ND	ND	ND	0	96
W-SW4	1.5'	ND	ND	ND	ND	ND	0	48
W-SW5	1.5'	ND	ND	ND	ND	ND	0	64

ND- Analyte Not Detected

- Based on the preliminary sample results, we further advanced the vertical depth in the areas of BC-1, BC-2, BC-5, BC-6, BC-7, BC-9, BC-10 and BC-11 to an overall depth of 2 feet BGS.

After the completion of advancing the excavation, we again emailed the NMOCD to obtain an additional set of confirmation samples. The results from this event are in the following data table:

9-7-22 Confirmation Samples

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 9-7-22		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg	Combined Closure Criteria ≤ 100 mg/kg			Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
BC-1	2'	--	--	ND	ND	ND	0	--
BC-2	2'	--	--	ND	ND	ND	0	--
BC-5	2'	--	--	ND	ND	ND	0	--
BC-6	2'	--	--	ND	ND	ND	0	--
BC-7	2'	--	--	ND	ND	ND	0	--
BC-9	2'	--	--	ND	ND	ND	0	--
BC-10	2'	--	--	ND	ND	ND	0	--
BC-11	2'	--	--	ND	ND	ND	0	--

ND- Analyte Not Detected / -- Analyte Not Tested

- These laboratory analytical results indicated concentrations were below NMOCD Closure Criteria.
- All excavated soils were temporarily stockpiled on-site atop a poly liner during the project. It was later transported to Lea Land, an NMOCD-approved waste disposal facility.
- After receiving laboratory analytical results below the closure criteria, the excavated areas were backfilled with "like" material obtained from Lea Land. The affected area was then contoured and machine-compacted to match the surrounding grade.

CLOSURE REQUEST

After careful review, Paragon requests that this incident, NAPP2220355675, be closed. Aris has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

If you have any questions or need additional information, please get in touch with Tristan Jones by phone at (575)318-6841 or email at tristan@paragonenvironmental.net.

Respectfully,

Tristan Jones

Tristan Jones
Project Coordinator
Paragon Environmental, LLC



A handwritten signature in blue ink, appearing to read 'Chris Jones'.

Chris Jones
Environmental Professional
Paragon Environmental, LLC



Attachments

Figures:

- 1- Site Map
- 2- Topographic Map
- 3- Karst Map
- 4- Aerial Map
- 5- Preliminary Sample Map
- 6- Confirmation Sample Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and FEMA Flood Map
- Appendix C – Notification Of Release
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



Figures:

- 1-Site Map
- 2- TOPO Map
- 3- Karst Map
- 4- Aerial Map
- 5- Preliminary Sample Map
- 6- Confirmation Sample Map

Aris Water Midstream

Dominator Water Reuse Site

PI # N/A

Lea County, NM

Site Map

Received by OCD: 2/3/2023 9:18:31 AM

Legend

- 32.0961580, -103.5248629
- dominator site release
- Liner Containment
- spill area



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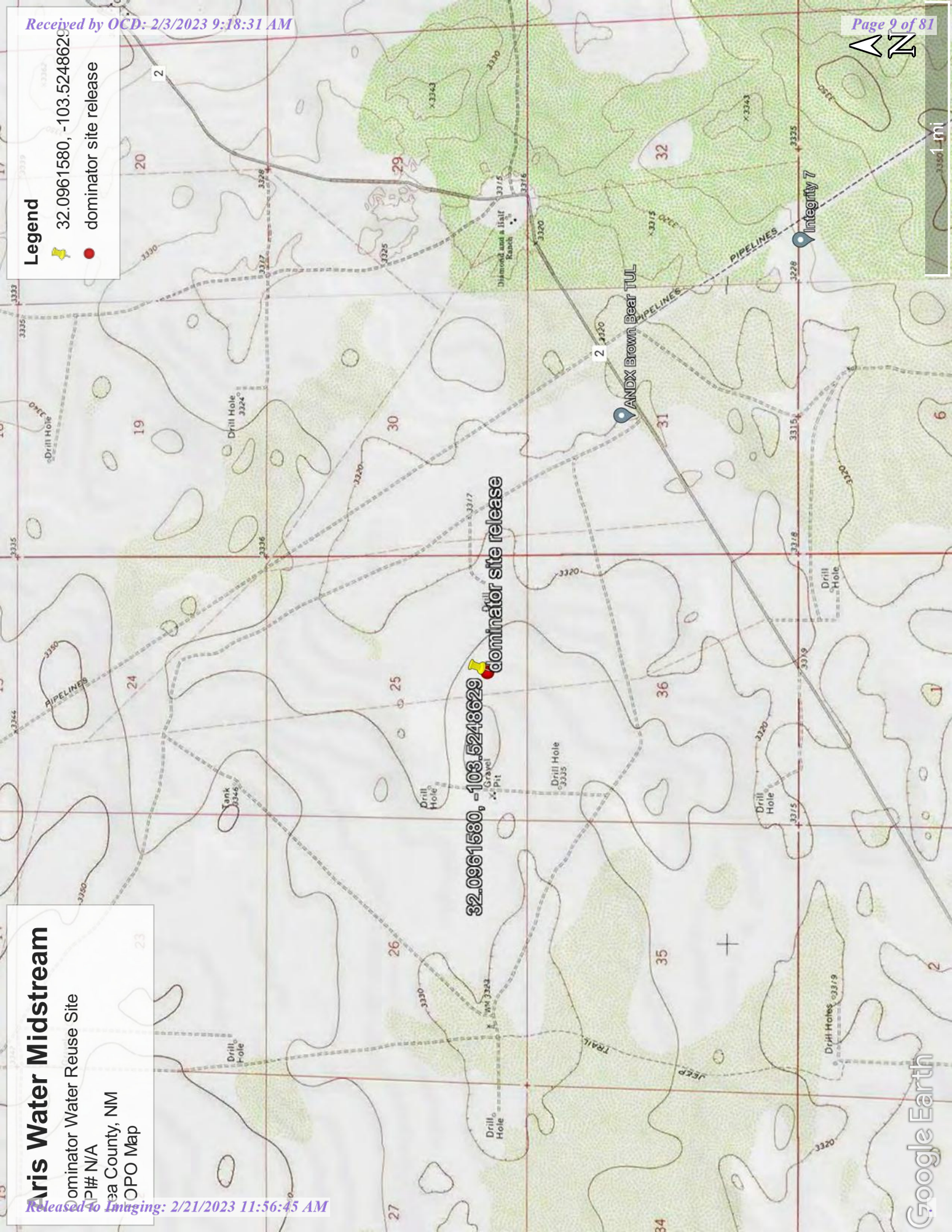
100 ft

Aris Water Midstream

Dominator Water Reuse Site
P# N/A
Lea County, NM
OPO Map

Legend

- 32.0961580, -103.5248629
- dominator site release





Aris Water Midstream

Dominator Water Reuse Site

IP# N/A

Lea County, NM

Carst Map

Legend

- dominator site release
- High
- Low
- Medium

2

dominator site release

2

NEW MEXICO

4 mi

Aris Water Midstream

Dominator Water Reuse Site

AP# N/A

Lea County, NM

Location Map

Released to Imaging: 2/21/2023 11:56:45 AM

Legend

● dominator site release

Received by OCD: 2/3/2023 9:18:31 AM

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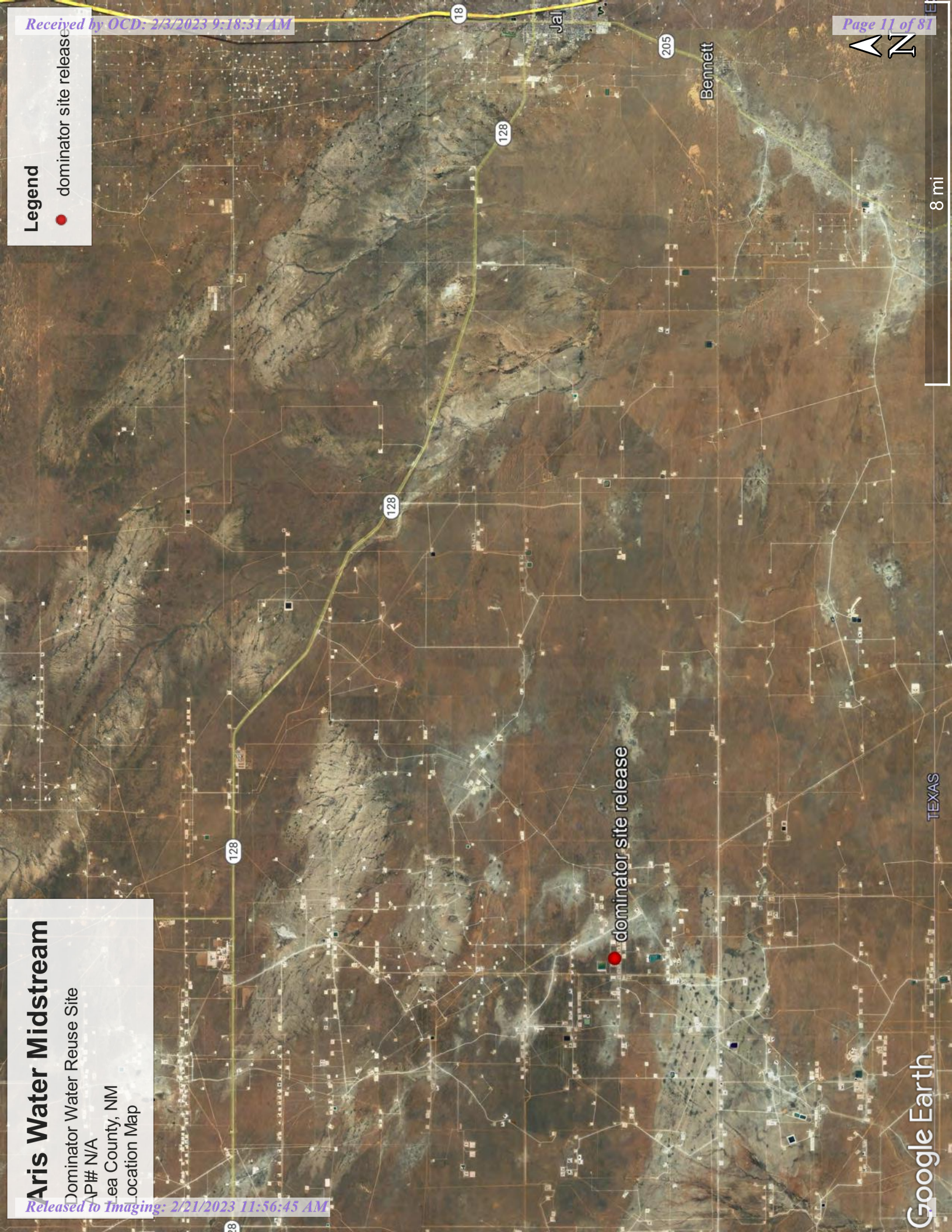


8 mi

TEXAS

Google Earth

● dominator site release



Aris Water Midstream

Dominator Water Reuse Site
PI # N/A
Lea County, NM
Preliminary Sample map

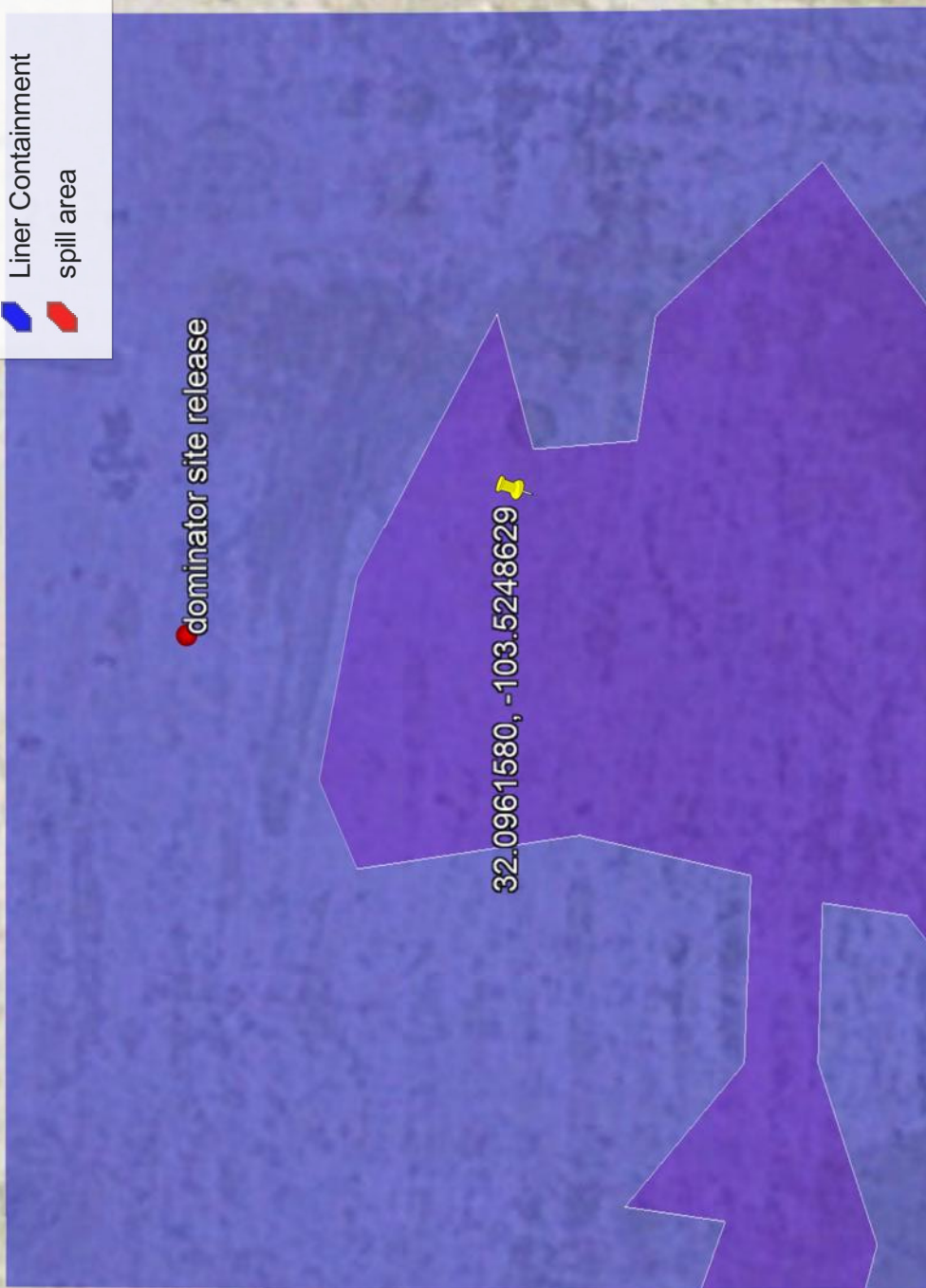
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Legend

- 32.0961580, -103.5248629
- dominator site release
- Feature 1
- Liner Containment
- spill area



100 ft

Aris Water Midstream

Dominator Water Reuse Site
AP# N/A
Lea County, NM
Confirmation Sample Map

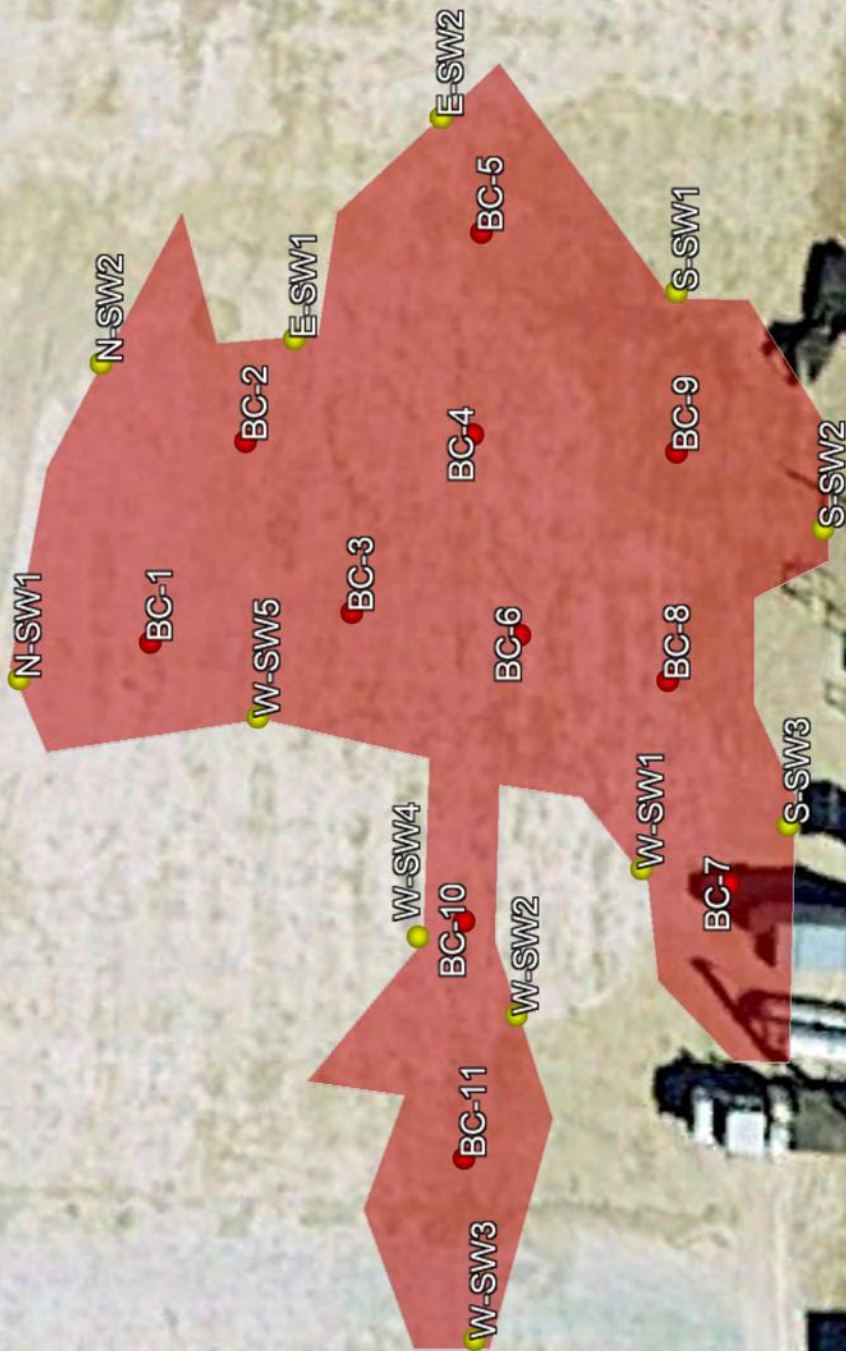
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Legend

- Feature 1
- Feature 2
- spill area

dominator site release





Appendix A
Referenced Water Data:

New Mexico State of Engineers Office



(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 639196.598

Northing (Y): 3552045.783

Radius: 1000

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

9/20/22 2:20 PM

WATER COLUMN/ AVERAGE
DEPTH TO WATER



Appendix B
Soil Survey:

U.S.D.A.
FEMA Flood Map

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent

Maljamar and similar soils: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

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 content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Description of Maljamar

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent
Ecological site: R042XC022NM - Sandhills

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 18, Sep 10, 2021

National Flood Hazard Layer FIRMette



103°31'48"W 32°56'1"N



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, AP
- 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 X

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

- Cross Sections with 1% Annual Chance Water Surface Elevation
20.2
17.5
- 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



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 **9/20/2022 at 4:26 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.



Appendix C:

C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2220355675
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Aris Water Midstream, LLC	OGRID 371643
Contact Name Rob Kirk	Contact Telephone (469)978-5620
Contact email rob.kirk@ariswater.com	Incident # (assigned by OCD) nAPP2220355675
Contact mailing address 9811 Katy Freeway, Suite 700 Houston, Texas 77024 281-501-3070	

Location of Release Source

Latitude 32.09615 _____ Longitude -103.52486 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Dominator Water Reuse Site	Site Type
Date Release Discovered 7/21/22	API# (if applicable)

Unit Letter	Section	Township	Range	County
N	25	25S	33E	Lea

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 100	Volume Recovered (bbls) 90
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: **During routine operation, the crew was alerted that several of the frac tanks were overflowing. Overflow was reportedly caused by a partially closed main discharge valve. Overflow was mostly captured in secondary containment with some water escaping onto adjacent soil.**

Incident ID	nAPP2220355675
District RP	
Facility ID	
Application ID	

Form C-141

State of New Mexico

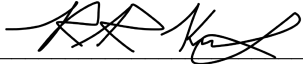
Page 2

Oil Conservation Division

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? 100 barrels of produced water was spilt
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, by Rob Kirk, to web portal and call to Artesia Office, on 7/22/22.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Rob Kirk	Title: <u>Vice President & General Manager, HSE & Compliance</u>
Signature: 	Date: <u>02/03/2023</u>
email: rob.kirk@ariswater.com	Telephone: <u>(469) 978-5620</u>
Jocelyn Harimon	02/03/2023

Incident ID	nAPP2220355675
District RP	
Facility ID	
Application ID	

Form C-141

State of New Mexico

Page 4

Oil Conservation Division

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	50 _____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

Incident ID	nAPP2220355675
District RP	
Facility ID	
Application ID	

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Oil Conservation Division

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

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

Printed Name: Rob KirkTitle: Vice President & General Manager, HSE & ComplianceSignature: Date: 02/03/2023email: rob.kirk@ariswater.comTelephone: (469) 978-5620**OCD Only**Received by: Jocelyn HarimonDate: 02/03/2023

Incident ID	nAPP2220355675
District RP	
Facility ID	
Application ID	

Form C-141

State of New Mexico

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Oil Conservation Division

Closure

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

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Rob Kirk

Title: Vice President & General Manager, HSE & ComplianceSignature: 

Date:

02/03/2023

email: rob.krik@ariswater.com

Telephone: (469) 978-5620

Incident ID	nAPP2220355675
District RP	
Facility ID	
Application ID	

Form C-141

State of New Mexico

Page 8

Oil Conservation Division

OCD OnlyReceived by: Jocelyn HarimonDate: 02/03/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 02/21/2023Printed Name: Jennifer NobuiTitle: Environmental Specialist A



Appendix D:
Photographic Documentation



**Photographic Documentation
Before Remediation**





**Photographic Documentation
During Remediation**





**Photographic Documentation
Post Remediation**





Appendix E:
Laboratory Results



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

August 06, 2022

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: DOMINATOR WATER REUSE SITE

Enclosed are the results of analyses for samples received by the laboratory on 08/02/22 16:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/02/2022	Sampling Date:	08/02/2022
Reported:	08/06/2022	Sampling Type:	Soil
Project Name:	DOMINATOR WATER REUSE SITE	Sampling Condition:	Cool & Intact
Project Number:	2-3	Sample Received By:	Tamara Oldaker
Project Location:	LEA, NM		

Sample ID: S-1 SURFACE (H223437-01)

BTX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.055	0.050	08/05/2022	ND	1.99	99.5	2.00	4.69	
Toluene*	1.07	0.050	08/05/2022	ND	2.07	103	2.00	3.50	
Ethylbenzene*	1.12	0.050	08/05/2022	ND	2.10	105	2.00	4.25	
Total Xylenes*	11.5	0.150	08/05/2022	ND	6.44	107	6.00	4.50	
Total BTX	13.8	0.300	08/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 195 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	08/04/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	956	100	08/05/2022	ND	193	96.3	200	0.195	
DRO >C10-C28*	34800	100	08/05/2022	ND	209	105	200	2.52	
EXT DRO >C28-C36	6320	100	08/05/2022	ND					

Surrogate: 1-Chlorooctane 401 % 43-149

Surrogate: 1-Chlorooctadecane 1140 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/02/2022	Sampling Date:	08/02/2022
Reported:	08/06/2022	Sampling Type:	Soil
Project Name:	DOMINATOR WATER REUSE SITE	Sampling Condition:	Cool & Intact
Project Number:	2-3	Sample Received By:	Tamara Oldaker
Project Location:	LEA, NM		

Sample ID: S-2 SURFACE (H223437-02)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	08/05/2022	ND	1.99	99.5	2.00	4.69	
Toluene*	1.15	0.100	08/05/2022	ND	2.07	103	2.00	3.50	
Ethylbenzene*	3.53	0.100	08/05/2022	ND	2.10	105	2.00	4.25	
Total Xylenes*	35.7	0.300	08/05/2022	ND	6.44	107	6.00	4.50	
Total BTEX	40.4	0.600	08/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 305 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/04/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2630	100	08/05/2022	ND	193	96.3	200	0.195	
DRO >C10-C28*	39200	100	08/05/2022	ND	209	105	200	2.52	
EXT DRO >C28-C36	6050	100	08/05/2022	ND					

Surrogate: 1-Chlorooctane 458 % 43-149

Surrogate: 1-Chlorooctadecane 825 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/02/2022	Sampling Date:	08/02/2022
Reported:	08/06/2022	Sampling Type:	Soil
Project Name:	DOMINATOR WATER REUSE SITE	Sampling Condition:	Cool & Intact
Project Number:	2-3	Sample Received By:	Tamara Oldaker
Project Location:	LEA, NM		

Sample ID: S-2 1' (H223437-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2022	ND	1.99	99.5	2.00	4.69	
Toluene*	<0.050	0.050	08/05/2022	ND	2.07	103	2.00	3.50	
Ethylbenzene*	<0.050	0.050	08/05/2022	ND	2.10	105	2.00	4.25	
Total Xylenes*	0.341	0.150	08/05/2022	ND	6.44	107	6.00	4.50	
Total BTEX	0.341	0.300	08/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/04/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	22.1	10.0	08/05/2022	ND	193	96.3	200	0.195	
DRO >C10-C28*	788	10.0	08/05/2022	ND	209	105	200	2.52	
EXT DRO >C28-C36	145	10.0	08/05/2022	ND					

Surrogate: 1-Chlorooctane 81.5 % 43-149

Surrogate: 1-Chlorooctadecane 110 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/02/2022	Sampling Date:	08/02/2022
Reported:	08/06/2022	Sampling Type:	Soil
Project Name:	DOMINATOR WATER REUSE SITE	Sampling Condition:	Cool & Intact
Project Number:	2-3	Sample Received By:	Tamara Oldaker
Project Location:	LEA, NM		

Sample ID: S-3 SURFACE (H223437-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	08/05/2022	ND	1.99	99.5	2.00	4.69	
Toluene*	12.8	2.00	08/05/2022	ND	2.07	103	2.00	3.50	
Ethylbenzene*	9.81	2.00	08/05/2022	ND	2.10	105	2.00	4.25	
Total Xylenes*	91.4	6.00	08/05/2022	ND	6.44	107	6.00	4.50	
Total BTEX	115	12.0	08/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/04/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	3890	100	08/05/2022	ND	193	96.3	200	0.195		
DRO >C10-C28*	30300	100	08/05/2022	ND	209	105	200	2.52		
EXT DRO >C28-C36	4930	100	08/05/2022	ND						

Surrogate: 1-Chlorooctane 453 % 43-149

Surrogate: 1-Chlorooctadecane 892 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/02/2022	Sampling Date:	08/02/2022
Reported:	08/06/2022	Sampling Type:	Soil
Project Name:	DOMINATOR WATER REUSE SITE	Sampling Condition:	Cool & Intact
Project Number:	2-3	Sample Received By:	Tamara Oldaker
Project Location:	LEA, NM		

Sample ID: S-3 1' (H223437-05)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	08/05/2022	ND	1.99	99.5	2.00	4.69	
Toluene*	2.96	0.100	08/05/2022	ND	2.07	103	2.00	3.50	
Ethylbenzene*	2.76	0.100	08/05/2022	ND	2.10	105	2.00	4.25	
Total Xylenes*	23.7	0.300	08/05/2022	ND	6.44	107	6.00	4.50	
Total BTEX	29.5	0.600	08/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 233 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/04/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	735	10.0	08/05/2022	ND	193	96.3	200	0.195	
DRO >C10-C28*	7390	10.0	08/05/2022	ND	209	105	200	2.52	
EXT DRO >C28-C36	1110	10.0	08/05/2022	ND					

Surrogate: 1-Chlorooctane 142 % 43-149

Surrogate: 1-Chlorooctadecane 153 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/02/2022	Sampling Date:	08/02/2022
Reported:	08/06/2022	Sampling Type:	Soil
Project Name:	DOMINATOR WATER REUSE SITE	Sampling Condition:	Cool & Intact
Project Number:	2-3	Sample Received By:	Tamara Oldaker
Project Location:	LEA, NM		

Sample ID: S-4 SURFACE (H223437-06)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2022	ND	1.99	99.5	2.00	4.69	
Toluene*	0.110	0.050	08/05/2022	ND	2.07	103	2.00	3.50	
Ethylbenzene*	0.801	0.050	08/05/2022	ND	2.10	105	2.00	4.25	
Total Xylenes*	9.76	0.150	08/05/2022	ND	6.44	107	6.00	4.50	
Total BTEX	10.7	0.300	08/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 304 % 69.9-140

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/04/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1210	100	08/05/2022	ND	193	96.3	200	0.195	
DRO >C10-C28*	34300	100	08/05/2022	ND	209	105	200	2.52	
EXT DRO >C28-C36	5780	100	08/05/2022	ND					

Surrogate: 1-Chlorooctane 313 % 43-149

Surrogate: 1-Chlorooctadecane 754 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/02/2022	Sampling Date:	08/02/2022
Reported:	08/06/2022	Sampling Type:	Soil
Project Name:	DOMINATOR WATER REUSE SITE	Sampling Condition:	Cool & Intact
Project Number:	2-3	Sample Received By:	Tamara Oldaker
Project Location:	LEA, NM		

Sample ID: S-4 1' (H223437-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2022	ND	1.99	99.5	2.00	4.69		
Toluene*	<0.050	0.050	08/05/2022	ND	2.07	103	2.00	3.50		
Ethylbenzene*	<0.050	0.050	08/05/2022	ND	2.10	105	2.00	4.25		
Total Xylenes*	0.314	0.150	08/05/2022	ND	6.44	107	6.00	4.50		
Total BTEX	0.314	0.300	08/05/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/04/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	23.3	10.0	08/05/2022	ND	193	96.3	200	0.195	
DRO >C10-C28*	988	10.0	08/05/2022	ND	209	105	200	2.52	
EXT DRO >C28-C36	174	10.0	08/05/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 43-149

Surrogate: 1-Chlorooctadecane 125 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/02/2022	Sampling Date:	08/02/2022
Reported:	08/06/2022	Sampling Type:	Soil
Project Name:	DOMINATOR WATER REUSE SITE	Sampling Condition:	Cool & Intact
Project Number:	2-3	Sample Received By:	Tamara Oldaker
Project Location:	LEA, NM		

Sample ID: S-5 SURFACE (H223437-08)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	08/05/2022	ND	1.99	99.5	2.00	4.69	
Toluene*	4.16	0.200	08/05/2022	ND	2.07	103	2.00	3.50	
Ethylbenzene*	7.04	0.200	08/05/2022	ND	2.10	105	2.00	4.25	
Total Xylenes*	67.0	0.600	08/05/2022	ND	6.44	107	6.00	4.50	
Total BTEx	78.2	1.20	08/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 258 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/04/2022	ND	416	104	400	3.77	
TPH 8015M									

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3420	100	08/05/2022	ND	193	96.3	200	0.195	
DRO >C10-C28*	35100	100	08/05/2022	ND	209	105	200	2.52	
EXT DRO >C28-C36	6060	100	08/05/2022	ND					

Surrogate: 1-Chlorooctane 1090 % 43-149

Surrogate: 1-Chlorooctadecane 999 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/02/2022	Sampling Date:	08/02/2022
Reported:	08/06/2022	Sampling Type:	Soil
Project Name:	DOMINATOR WATER REUSE SITE	Sampling Condition:	Cool & Intact
Project Number:	2-3	Sample Received By:	Tamara Oldaker
Project Location:	LEA, NM		

Sample ID: S-5 1' (H223437-09)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/04/2022	ND	2.07	103	2.00	8.33		
Toluene*	<0.050	0.050	08/04/2022	ND	2.14	107	2.00	8.29		
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	107	2.00	8.04		
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	8.25		
Total BTEX	<0.300	0.300	08/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/04/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2022	ND	215	107	200	2.57	
DRO >C10-C28*	213	10.0	08/03/2022	ND	203	101	200	5.25	
EXT DRO >C28-C36	33.5	10.0	08/03/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 43-149

Surrogate: 1-Chlorooctadecane 119 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/02/2022	Sampling Date:	08/02/2022
Reported:	08/06/2022	Sampling Type:	Soil
Project Name:	DOMINATOR WATER REUSE SITE	Sampling Condition:	Cool & Intact
Project Number:	2-3	Sample Received By:	Tamara Oldaker
Project Location:	LEA, NM		

Sample ID: S-5 2' (H223437-10)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/04/2022	ND	2.07	103	2.00	8.33		
Toluene*	<0.050	0.050	08/04/2022	ND	2.14	107	2.00	8.29		
Ethylbenzene*	<0.050	0.050	08/04/2022	ND	2.13	107	2.00	8.04		
Total Xylenes*	<0.150	0.150	08/04/2022	ND	6.50	108	6.00	8.25		
Total BTEX	<0.300	0.300	08/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/04/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2022	ND	215	107	200	2.57	
DRO >C10-C28*	69.4	10.0	08/03/2022	ND	203	101	200	5.25	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					

Surrogate: 1-Chlorooctane 98.2 % 43-149

Surrogate: 1-Chlorooctadecane 108 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Chris Jones		Company: Ar's					
Address: 225 Billy Walker Rd		Attn: Rob K-RK					
City: Hobbs		Address:					
State: NM		City:					
Zip: 88240		State:					
Phone #: (575)631-6977		Fax #:					
Project #: 2-3		Project Owner: Ar's					
Project Name: Domitor Water Reuse Site		State: NM					
Project Location: Lee, NM		Zip: 					
Sample Name: Tristia Jones		Phone #:					
FOR LAB USE ONLY		Fax #:					
Lab I.D.		Sample I.D.					
H23437		1					
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September 06, 2022

CASON SPURLOCK

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: DOMINATOR

Enclosed are the results of analyses for samples received by the laboratory on 08/31/22 15:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BC - 1 (H224015-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.84	92.1	2.00	5.60	
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44	
Total BTX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/02/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	107	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	15.1	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BC - 2 (H224015-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.84	92.1	2.00	5.60	
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	09/02/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	192	96.1	200	6.21	
DRO >C10-C28*	578	10.0	09/02/2022	ND	171	85.3	200	2.68	
EXT DRO >C28-C36	111	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BC - 3 (H224015-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2022	ND	1.84	92.1	2.00	5.60		
Toluene*	<0.050	0.050	09/02/2022	ND	1.81	90.6	2.00	7.10		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.5	2.00	8.10		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.53	92.2	6.00	8.44		
Total BTEX	<0.300	0.300	09/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	25.4	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BC - 4 (H224015-04)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2022	ND	2.05	103	2.00	11.8		
Toluene*	<0.050	0.050	09/03/2022	ND	2.03	101	2.00	11.9		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.97	98.5	2.00	11.8		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.14	102	6.00	11.6		
Total BTEX	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	11.3	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BC - 5 (H224015-05)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2022	ND	2.05	103	2.00	11.8		
Toluene*	<0.050	0.050	09/03/2022	ND	2.03	101	2.00	11.9		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.97	98.5	2.00	11.8		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.14	102	6.00	11.6		
Total BTEX	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	354	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	43.4	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 99.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BC - 6 (H224015-06)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	2.05	103	2.00	1.29	QR-03
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31	QR-03
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44	QR-03
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683	QR-03
Total BTX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	213	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	28.4	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BC - 7 (H224015-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2022	ND	2.05	103	2.00	1.29		
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683		
Total BTEX	<0.300	0.300	09/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/02/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	244	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	28.3	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 94.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BC - 8 (H224015-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2022	ND	2.05	103	2.00	1.29		
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683		
Total BTEX	<0.300	0.300	09/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BC - 9 (H224015-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/03/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.12	102	6.00	0.683	
Total BTEX	<0.300	0.300	09/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	397	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	61.2	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BC - 10 (H224015-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2022	ND	2.05	103	2.00	1.29		
Toluene*	<0.050	0.050	09/03/2022	ND	2.01	100	2.00	1.31		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.99	99.3	2.00	1.44		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.12	102	6.00	0.683		
Total BTEx	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	277	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	44.1	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 97.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BC - 11 (H224015-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/03/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.12	102	6.00	0.683	
Total BTEX	<0.300	0.300	09/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/02/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	764	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	131	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 154 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: N - SW - COMP 1 (H224015-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/03/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.12	102	6.00	0.683	
Total BTEx	<0.300	0.300	09/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/02/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: N - SW - COMP 2 (H224015-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2022	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	09/03/2022	ND	2.02	101	2.00	2.81	
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.98	99.2	2.00	2.95	
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.16	103	6.00	3.70	
Total BTEX	<0.300	0.300	09/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: E - SW - COMP 1 (H224015-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2022	ND	2.08	104	2.00	3.49		
Toluene*	<0.050	0.050	09/03/2022	ND	2.02	101	2.00	2.81		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.98	99.2	2.00	2.95		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.16	103	6.00	3.70		
Total BTEx	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 95.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: E - SW - COMP 2 (H224015-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2022	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	09/03/2022	ND	2.02	101	2.00	2.81	
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.98	99.2	2.00	2.95	
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.16	103	6.00	3.70	
Total BTEx	<0.300	0.300	09/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - SW - COMP 1 (H224015-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2022	ND	2.08	104	2.00	3.49		
Toluene*	<0.050	0.050	09/03/2022	ND	2.02	101	2.00	2.81		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.98	99.2	2.00	2.95		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.16	103	6.00	3.70		
Total BTEx	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 96.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - SW - COMP 2 (H224015-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2022	ND	2.08	104	2.00	3.49		
Toluene*	<0.050	0.050	09/03/2022	ND	2.02	101	2.00	2.81		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.98	99.2	2.00	2.95		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.16	103	6.00	3.70		
Total BTEX	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - SW - COMP 3 (H224015-18)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2022	ND	2.08	104	2.00	3.49		
Toluene*	<0.050	0.050	09/03/2022	ND	2.02	101	2.00	2.81		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.98	99.2	2.00	2.95		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.16	103	6.00	3.70		
Total BTX	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/02/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W - SW - COMP 1 (H224015-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2022	ND	2.08	104	2.00	3.49		
Toluene*	<0.050	0.050	09/03/2022	ND	2.02	101	2.00	2.81		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.98	99.2	2.00	2.95		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.16	103	6.00	3.70		
Total BTEx	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/02/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 98.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W - SW - COMP 2 (H224015-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2022	ND	2.08	104	2.00	3.49		
Toluene*	<0.050	0.050	09/03/2022	ND	2.02	101	2.00	2.81		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.98	99.2	2.00	2.95		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.16	103	6.00	3.70		
Total BTEx	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W - SW - COMP 3 (H224015-21)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2022	ND	2.08	104	2.00	3.49		
Toluene*	<0.050	0.050	09/03/2022	ND	2.02	101	2.00	2.81		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.98	99.2	2.00	2.95		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.16	103	6.00	3.70		
Total BTX	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/02/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W - SW - COMP 4 (H224015-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2022	ND	2.08	104	2.00	3.49		
Toluene*	<0.050	0.050	09/03/2022	ND	2.02	101	2.00	2.81		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.98	99.2	2.00	2.95		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.16	103	6.00	3.70		
Total BTEx	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.7	200	2.31	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	217	108	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 08/31/2022
 Reported: 09/06/2022
 Project Name: DOMINATOR
 Project Number: NOT GIVEN
 Project Location: ARIS - LEA COUNTY

Sampling Date: 08/30/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W - SW - COMP 5 (H224015-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2022	ND	2.08	104	2.00	3.49		
Toluene*	<0.050	0.050	09/03/2022	ND	2.02	101	2.00	2.81		
Ethylbenzene*	<0.050	0.050	09/03/2022	ND	1.98	99.2	2.00	2.95		
Total Xylenes*	<0.150	0.150	09/03/2022	ND	6.16	103	6.00	3.70		
Total BTEX	<0.300	0.300	09/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/02/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	199	99.6	200	0.0903	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	199	99.5	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CARDINAL
Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO						ANALYSIS REQUEST											
Company Name: Paragon Environmental	P.O. #:																
Project Manager: Cason Spurlock	Company: A&S																
Address: 5002 Carriage Rd	Attn: Bob Kirk																
City: Hobbs	State: NM	Zip: 88242															
Phone #: 575-631-6977	Fax #:																
Project #:	City:																
Project Owner: Chris Jones	State:	Zip:															
Project Location: Lea County	Phone #:																
Sampler Name: Jerry Adams	Fax #:																
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	TPH Ext.	BTEX	Chlorides						
		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE											
HOB-1015	BC-1	C	1				8/30										
a	BC-2						8/30										
3	BC-3						8/30										
y	BC-4						8/30										
5	BC-5						8/30										
y	BC-6						8/30										
8	BC-9						8/30										
q	BC-8						8/30										
lo	BC-A						8/30										
	BC-10						8/30										

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Relinquished By: [Signature] Date: 8-31-03
Date: 8-31-03 Received By: [Signature]
Time: 1554 Sample Condition:
Cool Intact Yes No
Yes No
CHECKED BY: YD.
REMARKS: Email Results to Chris Jones
1003
2003
3003



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2013

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

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST																													
Project Manager: Cason Spurlock		Company: Aris																																	
Address: 5002 Carriage Rd		Attn: Bob Kirk																																	
City: Hobbs		Address:																																	
Phone #: 575-631-6977		City:																																	
Fax #:		State:																																	
Project #:		Zip:																																	
Project Name: Dominguez		Phone #:																																	
Project Location: Lea County		Fax #:																																	
Sampler Name: Jeremy Walker																																			
FOR LAB USE ONLY																																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME		TPH Ext.		BTEX		Chlorides	
1624015		BC-11		C		1																				8/30				1		1		1	
12		N-Sid-Comp1																								8/30									
13		N-Sid-Comp2																								8/30									
14		E-Sid-Comp1																								8/30									
15		E-Sid-Comp2																								8/30									
16		S-Sid-Comp1																								8/30									
17		S-Sid-Comp2																								8/30									
18		S-Sid-Comp3																								8/30									
19		W-Sid-Comp1																								8/30									
20		W-Sid-Comp2																								8/30									
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Relinquished By: [Signature]		Date: 8-31-22		Received By: [Signature]		Time: 1554		Date: 8-31-22		Time: 1554		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials) [Signature]		REMARKS: Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:																			
Relinquished By: [Signature]		Date: 8-31-22		Received By: [Signature]		Time: 1554		Date: 8-31-22		Time: 1554		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials) [Signature]		REMARKS: Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:																			
Delivered By: (Circle One) -0.16 C-0.06		Date: 8-31-22		Received By: [Signature]		Time: 1554		Date: 8-31-22		Time: 1554		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials) [Signature]		REMARKS: Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:																			
Sampler - UPS - Bus - Other: -0.72 #13		Date: 8-31-22		Received By: [Signature]		Time: 1554		Date: 8-31-22		Time: 1554		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials) [Signature]		REMARKS: Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:																			

* Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



3043

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental

Project Manager:

Address:

City: Hobbs

State: Zip:

Phone #:

Fax #:

Project #:

Project Owner: Aves

Project Name: Dominator

Project Location: Lea County

Sampler Name: Alexis Alvarez

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H24015

21

22

23

W-Sid. Camp 3

W-Sid. Camp 4

W-Sid. Camp 5

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH Ext.

BTEX

Chlorides

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Relinquished By:

Date: 8-31-22

Received By:

Relinquished By:

Date: 8-31-22

Received By:

Delivered By: (Circle One)

-0.1c C.O.C.

Sample Condition

CHECKED BY:

Sampler - UPS - Bus - Other:

-0.7c #11

Cool Intact

V.B.

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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

September 13, 2022

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: DOMINATOR WATER REUSE SITE

Enclosed are the results of analyses for samples received by the laboratory on 09/08/22 12:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/08/2022	Sampling Date:	09/07/2022
Reported:	09/13/2022	Sampling Type:	Soil
Project Name:	DOMINATOR WATER REUSE SITE	Sampling Condition:	Cool & Intact
Project Number:	2-3	Sample Received By:	Tamara Oldaker
Project Location:	ARIS - LEA, NM		

Sample ID: BC - 1 (H224124-01)

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	223	111	200	0.537	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	225	112	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	87.3 %	45.3-161							
Surrogate: 1-Chlorooctadecane	90.3 %	46.3-178							

Sample ID: BC - 2 (H224124-02)

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2022	ND	223	111	200	0.537	
DRO >C10-C28*	<10.0	10.0	09/12/2022	ND	225	112	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	09/12/2022	ND					
Surrogate: 1-Chlorooctane	99.0 %	45.3-161							
Surrogate: 1-Chlorooctadecane	103 %	46.3-178							

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/08/2022	Sampling Date:	09/07/2022
Reported:	09/13/2022	Sampling Type:	Soil
Project Name:	DOMINATOR WATER REUSE SITE	Sampling Condition:	Cool & Intact
Project Number:	2-3	Sample Received By:	Tamara Oldaker
Project Location:	ARIS - LEA, NM		

Sample ID: BC - 5 (H224124-03)

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	223	111	200	0.537	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	225	112	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					
Surrogate: 1-Chlorooctane	97.6 %	45.3-161							
Surrogate: 1-Chlorooctadecane	102 %	46.3-178							

Sample ID: BC - 6 (H224124-04)

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	223	111	200	0.537	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	225	112	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					
Surrogate: 1-Chlorooctane	102 %	45.3-161							
Surrogate: 1-Chlorooctadecane	106 %	46.3-178							

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/08/2022	Sampling Date:	09/07/2022
Reported:	09/13/2022	Sampling Type:	Soil
Project Name:	DOMINATOR WATER REUSE SITE	Sampling Condition:	Cool & Intact
Project Number:	2-3	Sample Received By:	Tamara Oldaker
Project Location:	ARIS - LEA, NM		

Sample ID: BC - 7 (H224124-05)

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	223	111	200	0.537		
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	225	112	200	1.39		
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND						
<hr/>										
Surrogate: 1-Chlorooctane	97.0 %	45.3-161								
Surrogate: 1-Chlorooctadecane	99.8 %	46.3-178								

Sample ID: BC - 9 (H224124-06)

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	223	111	200	0.537		
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	225	112	200	1.39		
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND						
<hr/>										
Surrogate: 1-Chlorooctane	94.6 %	45.3-161								
Surrogate: 1-Chlorooctadecane	96.6 %	46.3-178								

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/08/2022	Sampling Date:	09/07/2022
Reported:	09/13/2022	Sampling Type:	Soil
Project Name:	DOMINATOR WATER REUSE SITE	Sampling Condition:	Cool & Intact
Project Number:	2-3	Sample Received By:	Tamara Oldaker
Project Location:	ARIS - LEA, NM		

Sample ID: BC - 10 (H224124-07)

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	223	111	200	0.537		
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	225	112	200	1.39		
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND						
<hr/>										
Surrogate: 1-Chlorooctane	90.3 %	45.3-161								
Surrogate: 1-Chlorooctadecane	93.9 %	46.3-178								

Sample ID: BC - 11 (H224124-08)

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	223	111	200	0.537		
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	225	112	200	1.39		
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND						
<hr/>										
Surrogate: 1-Chlorooctane	89.4 %	45.3-161								
Surrogate: 1-Chlorooctadecane	92.5 %	46.3-178								

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental Project Manager: Cason Spurlock Address: 5002 Carriage Rd City: Hobbs Phone #: 575-631-6977 Project #: 2-3 Project Name: Dominator Site Release Project Location: Lea, NM Sampler Name: Tristan Jones <small>FOR LAB USE ONLY</small>				BILL TO P.O. #: Company: Aris Attn: Rob Kirk Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST			
State: NM zip: 88242 Fax #: Project Owner: ARS											

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV	SAMPLING	DATE	TIME		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						ACID/BASE:
H224124	Bc-1	✓				✓						9/7			
	Bc-2														
	Bc-5														
	Bc-6														
	Bc-7														
	Bc-a														
	Bc-10														
	Bc-11														

☒ BTEX
☒ TPH EXT
☒ Chlorides
☒ TPH EXT

Relinquished By: *[Signature]*
Date: 9/8/00
Received By: *[Signature]*
Date: 9/8/00
Time: 1:00 PM
Relinquished By: *[Signature]*
Date: 9/8/00
Time: 1:00 PM

Delivered By: (Circle One) *3.6c* *3.0c*
Sampler - UPS - Bus - Other: *#113*
Sample Condition:
 Cool ☐ Intact ☐
 Yes ☐ No ☐
CHECKED BY: *[Signature]*

REMARKS:
 Phone Result: ☐ Yes ☐ No ☐ Add'l Phone #:
 Fax Result: ☐ Yes ☐ No ☐ Add'l Fax #:

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 182363

CONDITIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 907 Tradewinds Blvd, Suite B Midland, TX 79706	OGRID: 371643
	Action Number: 182363
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	2/21/2023