

**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

QUESTIONS  
  
Action 97219

QUESTIONS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 97219
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

<b>Location of Release Source</b>	
Please answer all of the questions in this group.	
Site Name	JM Denton #2 flowline
Date Release Discovered	04/10/2022
Surface Owner	Private

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

<b>Nature and Volume of Release</b>	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Flow Line - Production   Crude Oil   Released: 4 BBL   Recovered: 3 BBL   Lost: 1 BBL ]
Produced Water Released (bbls) Details	Cause: Equipment Failure   Flow Line - Production   Produced Water   Released: 20 BBL   Recovered: 12 BBL   Lost: 8 BBL ]
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 97219

**QUESTIONS (continued)**

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 97219
	Action Type: [NOTIFY] Notification Of Release (NOR)

**QUESTIONS**

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by 19.15.29.7(A) NMAC	No, minor release.
Reasons why this would be considered a submission for a notification of a major release	
If YES, was immediate notice given to the OCD, by whom	Not answered.
If YES, was immediate notice given to the OCD, to whom	Not answered.
If YES, was immediate notice given to the OCD, when	Not answered.
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	Not answered.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

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

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

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

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ACKNOWLEDGMENTS  
  
Action 97219

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Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 97219
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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CONDITIONS  
  
Action 97219

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Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 97219
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
malloryd01	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	4/11/2022



Incident ID	nAPP2210134300
District RP	
Facility ID	
Application ID	

## 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?	<u>65</u> (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 <b>not</b> on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input 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

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.

Incident ID	nAPP2210134300
District RP	
Facility ID	
Application ID	

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: Meredith O'Brien Title: Sr. Environmental Engineer

Signature: \_\_\_\_\_ Date: 6/9/2023

email: mobrien@revenireenergy.com Telephone: (720)327-1543

**OCD Only**

Received by: Jocelyn Harimon Date: 06/12/2023

Incident ID	nAPP2210134300
District RP	
Facility ID	
Application ID	

## 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: Meredith O'Brien Title: Sr. Environmental Engineer

Signature: \_\_\_\_\_ Date: 6/9/2023

email: mobrien@revenirenergy.com Telephone: (720)327-1543

### OCD Only

Received by: Jocelyn Harimon Date: 06/12/2023

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: Nelson Velez Date: 09/12/2023

Printed Name: Nelson Velez Title: Environmental Specialist - Adv

## JM Denton #2 Flowline

NMOCD ID: nAPP2210134300

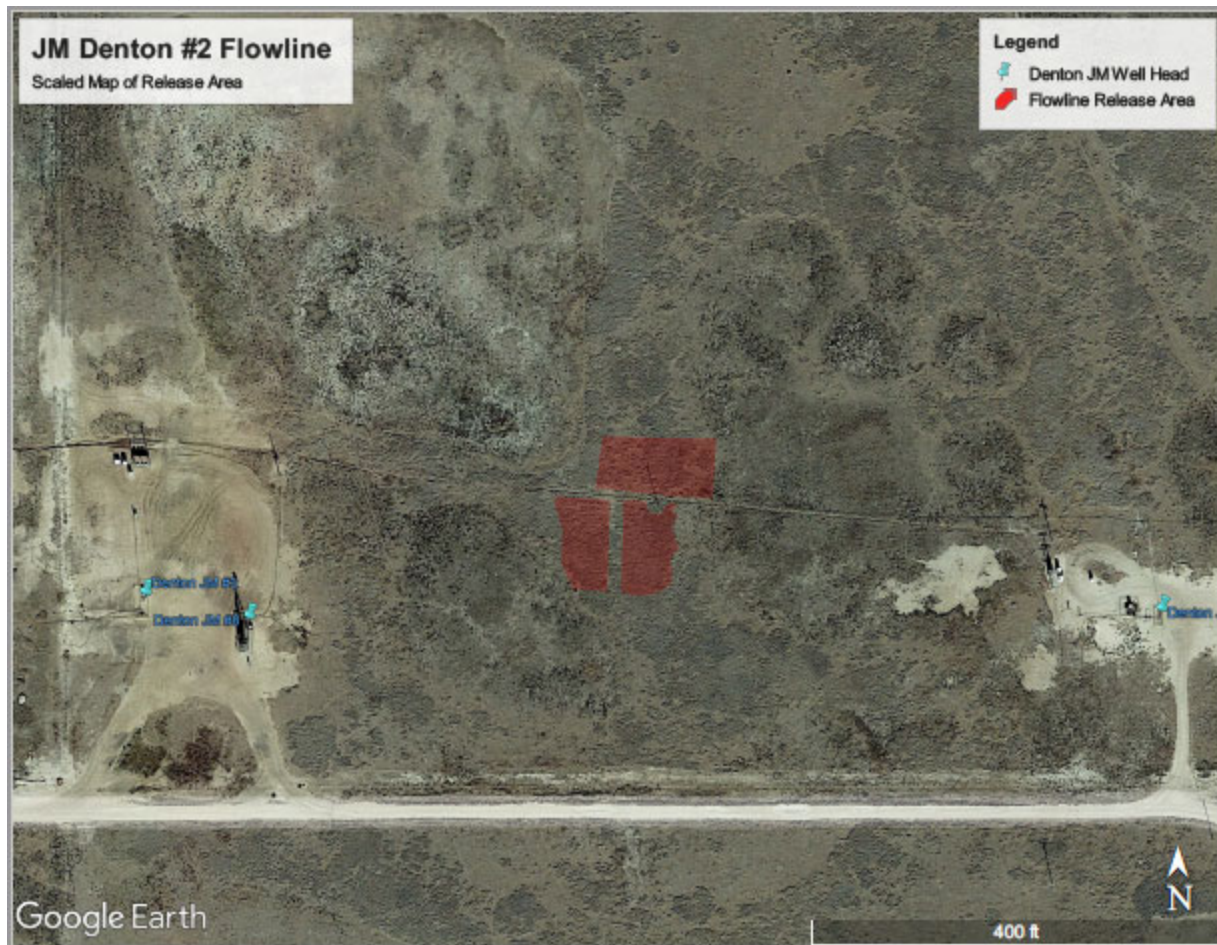
Depth to Ground Water: >50 Ft

Legacy Reserves Operating, LP

### Site Characterization

This report has been prepared for submittal to the New Mexico Oil Conservation Division (OCD) for a crude oil and produced water spill along the JM Denton #2 flowline, located in Unit J, Section 11, Township 15 South, Range 37 East, in Lea County, New Mexico. GPS 33.030211, -103.167297. The property is privately owned. An aerial map is presented below.

#### Scaled Site Map



#### Background and Field Data

The release is located in pasture directly adjacent to the flowline for the JM Denton #2 well. The release occurred on April 10, 2022 due to corrosion of a surface flowline. Fluid lost was estimated to be 4 BBLs oil of which 3 were recovered, and 20 BBLs produced water of which 12 were recovered resulting in a net loss of one BBL oil and 8 BBLs produced water.

On April 21, an initial assessment was performed by ETECH Environmental & Safety Solutions, Inc. (ETECH). The samples taken with locations and are included below with an initial sample map.

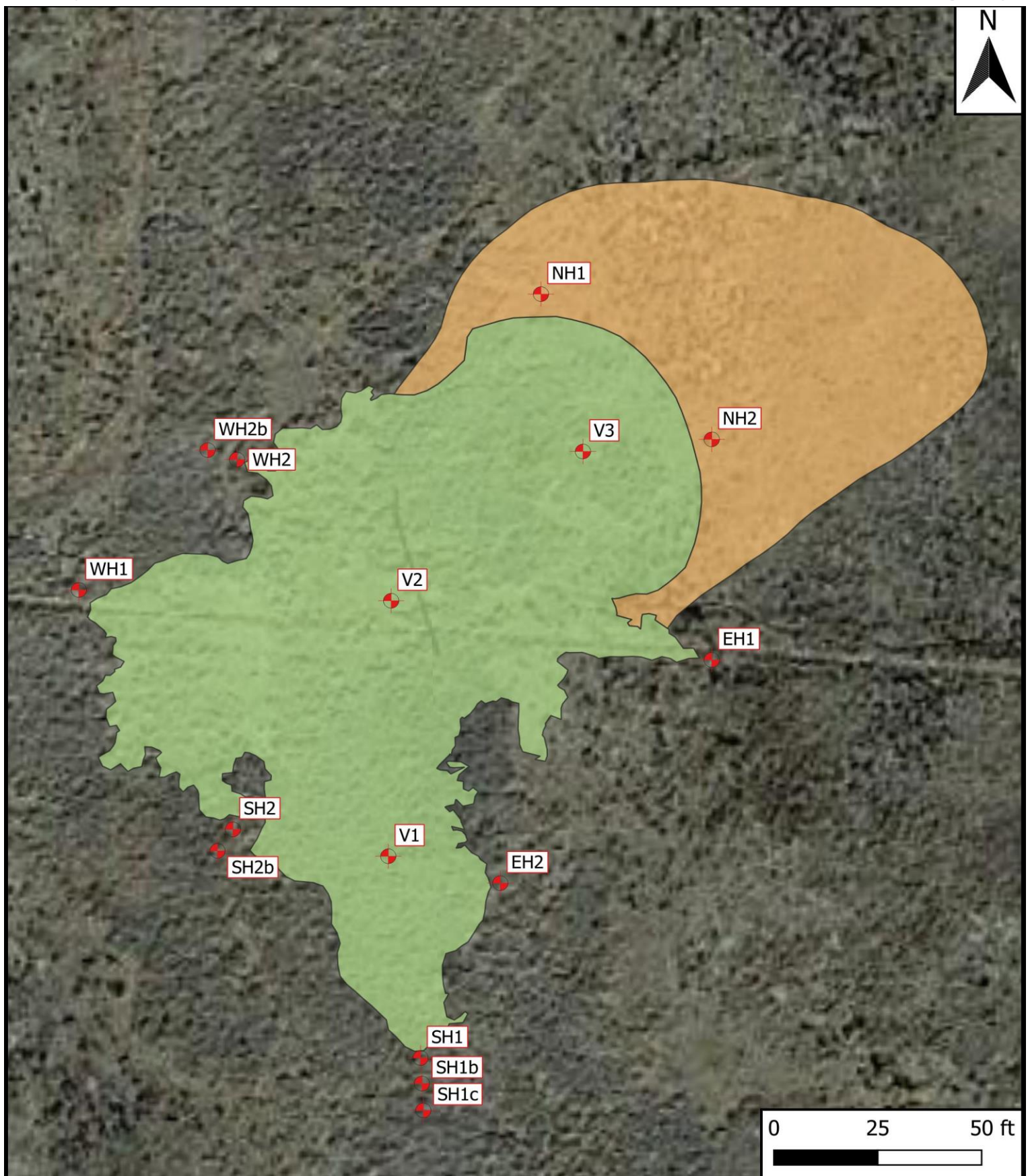
**Table 1**  
**Concentrations of BTEX, TPH, and Chloride in Soil**  
**Legacy Reserves Operating, LP**  
**JM Denton #2 Flowline**  
**NMOCD Ref. #: Pending**

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	10,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/kg)	GRO + DRO C <sub>6</sub> -C <sub>28</sub> (mg/kg)	ORO C <sub>28</sub> -C <sub>36</sub> (mg/kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/kg)	Chloride (mg/kg)
EH 1 @ 0'	4/21/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
EH 1 @ 1'	4/21/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EH 2 @ 0'	4/21/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
EH 2 @ 1'	4/21/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NH 1 @ 0'	4/21/2022	0	In-Situ	<0.050	<0.300	<10.0	17.1	17.1	<10.0	17.1	512
NH 1 @ 1'	4/21/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
NH 2 @ 0'	4/21/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
NH 2 @ 1'	4/21/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SH 1c @ 0'	4/21/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
SH 1c @ 1'	4/21/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SH 2b @ 0'	4/21/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SH 2b @ 1'	4/21/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH 1 @ 0'	4/21/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
WH 1 @ 1'	4/21/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WH 2b @ 0'	4/21/2022	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
WH 2b @ 1'	4/21/2022	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
V 1 @ 0'	4/21/2022	0	In-Situ	<0.050	6.58	393	7,410	<b>7,800</b>	1,020	<b>8,820</b>	<b>13,900</b>
V 1 @ 3' - R	4/21/2022	3	In-Situ	<0.050	<0.300	<10.0	21.1	21.1	<10.0	21.1	4,480
V 2 @ 0'	4/21/2022	0	In-Situ	<0.050	0.570	73.0	2,500	<b>2,570</b>	335	<b>2,910</b>	<b>12,200</b>
V 2 @ 2' - R	4/21/2022	2	In-Situ	<0.050	<0.300	<10.0	16.4	16.4	<10.0	16.4	4,720
V 3 @ 0'	4/21/2022	0	In-Situ	<0.050	<0.300	<10.0	1,350	<b>1,350</b>	302	<b>1,650</b>	<b>11,400</b>
V 3 @ 2' - R	4/21/2022	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240

Dash (-): Sample not analyzed for that constituent.

**Bold:** NMOCD Closure Criteria exceedance.**Red:** NMOCD Reclamation Standard exceedance.



**Figure 1****Legend**

-  Sample Point
-  Overspray
-  Release

Site Diagram  
JM Denton #2 Flowline  
Legacy Reserves Operating, LP  
GPS: 33.03049, -103.16713



Drafted: mag      Checked: jwl      Date: 4/29/22

### Depth to Water Determination

The JM Denton #2 flowline is in Lea County, New Mexico. The legal location is Section 11, T15S R37E. The New Mexico Office of the State Engineer (NMOSE) shows 9 wells within ½ mile of the release location that have depth to water data within the last 25 years. The average depth to water is 65 feet bgs. Data from NMOSE, including a map is in Appendix B.

Name	Use	Status	Owner	Depth to Water	Date
L 14152 POD24	MON	ACT	PLAINS ALL AMERICAN PIPELINE	65	Mon Feb 24 2020
L 14152 POD16	MON	ACT	PLAINS ALL AMERICAN PIPELINE	65	Tue Feb 25 2020
L 14152 POD17	MON	ACT	PLAINS ALL AMERICAN PIPELINE	65	Tue Feb 25 2020
L 14152 POD18	MON	ACT	PLAINS ALL AMERICAN PIPELINE	65	Tue Feb 25 2020
L 14152 POD19	MON	ACT	PLAINS ALL AMERICAN PIPELINE	65	Tue Feb 25 2020
L 14152 POD20	MON	ACT	PLAINS ALL AMERICAN PIPELINE	65	Tue Feb 25 2020
L 14152 POD21	MON	ACT	PLAINS ALL AMERICAN PIPELINE	65	Tue Feb 25 2020
L 14152 POD22	MON	ACT	PLAINS ALL AMERICAN PIPELINE	65	Tue Feb 25 2020
L 14152 POD23	MON	ACT	PLAINS ALL AMERICAN PIPELINE	65	Tue Feb 25 2020

### Determination for Location of Water Sources and Significant Watercourses

The USGS website was referenced for all water sources and significant watercourses.

- There are no surface water features within 1,000 ft of the site
- There are no fresh water wells within 1,000 ft of the site
- There are no groundwater monitoring wells within 1,000 ft of the site

### Laboratory Data Including Chain of Custody

The laboratory data for all analysis is included in Appendix (A)

## Remediation Report and Closure Request

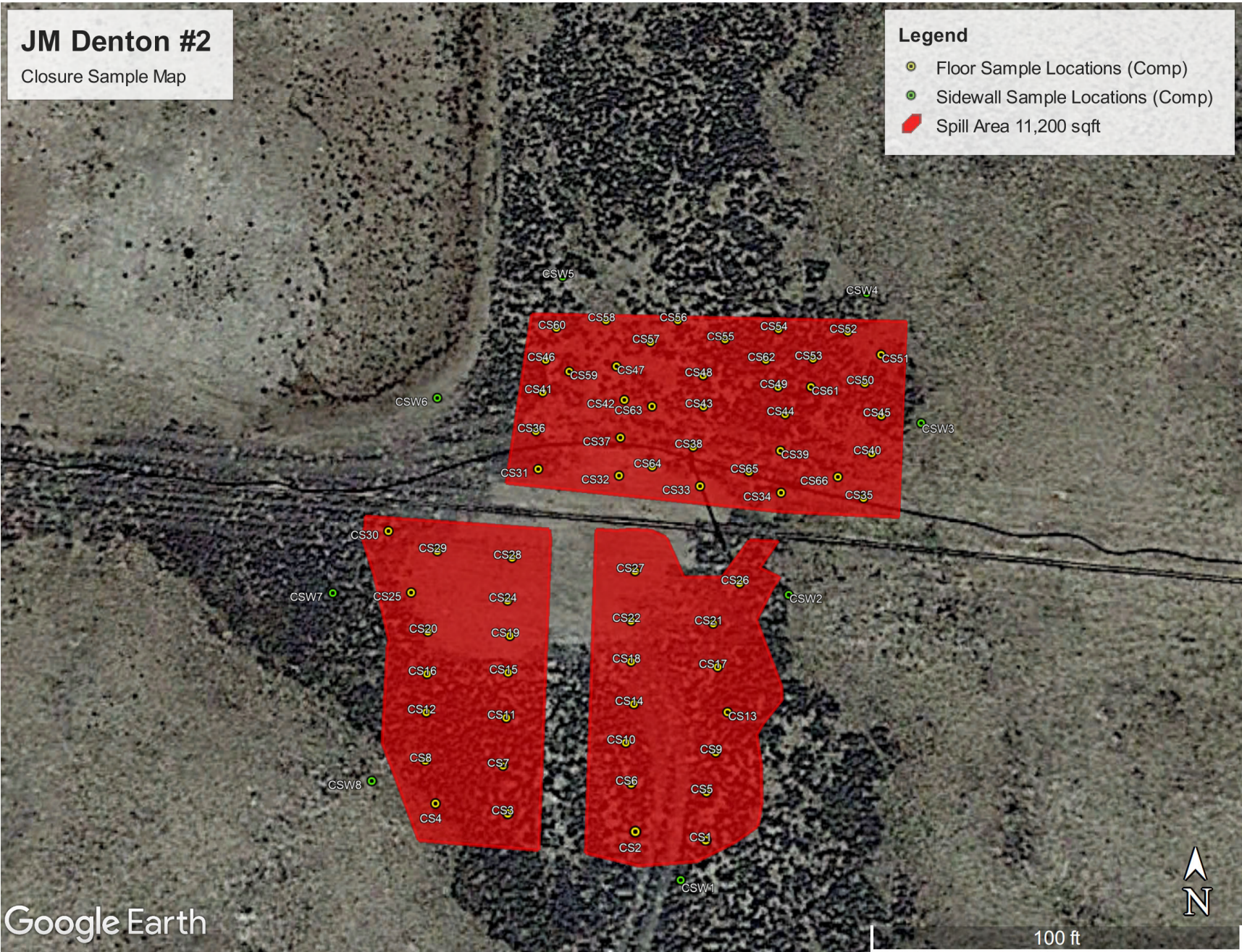
### Detailed Description of Remediation Activities

Remediation activities began July 11, 2022 and completed August 12, 2022. PIMA Environmental (PIMA) used a backhoe to excavate soil from the impacted areas and transported to an approved landfill for disposal. Approximately 1,125 cubic yards were excavated during the remediation project. PIMA performed field testing while excavation occurred to ensure all impacted material requiring remediation was removed. The results are shown in the table below. Final confirmation samples were taken after excavation was completed and sent to Cardinal Laboratories in Hobbs, NM. All samples show concentrations below remediation levels for BTEX, TPH, and Chlorides.

### Scaled Site Map and Sampling Diagram

The map below demonstrates the final excavation areas and sample locations after excavation was completed.







## Release Closure Criteria Complies with 19.15.29.12 NMAC Table 1 Specifications

Table I Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
≤ 50 feet	Chloride***	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (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
51 feet-100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
>100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

\*Or other test methods approved by the division.

\*\*Numerical limits or natural background level, whichever is greater.

\*\*\*This applies to releases of produced water or other fluids, which may contain chloride.

[19.15.29.12 NMAC - N, 8/14/2018]

## D. Closure Request

All samples taken in the excavation show concentrations of BTEX, TPH, and Chlorides below NMOCD thresholds per 19.15.29.12. The lab results are summarized in the table below. The full lab results with Chain of Custody are in Appendix A. The sample diagram is shown above.

Legacy proposes to backfill the excavation with caliche to approximately two feet below ground surface and with clean topsoil to surface as appropriate according to depth of the excavated area. The caliche will be acquired from the landowner's caliche pit located at Lat/Long: 33.01072, -103.15871 and topsoil to be sourced from a location of the landowner's direction. The backfilled area will then be seeded according to landowner specifications.

Summary Table of Laboratory Analytical Results Post Remediation

Sample Name	Depth	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	TPH (mg/kg)	Chlorides (mg/kg)
CS-1	1'	7/24/2022	ND	ND	ND	ND	ND	0	32
CS-2	1'	7/24/2022	ND	ND	ND	ND	ND	0	32
CS-3	1'	7/24/2022	ND	ND	ND	ND	ND	0	32
CS-4	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-5	1'	7/24/2022	ND	ND	ND	ND	ND	0	32
CS-6	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-7	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-8	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-9	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-10	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-11	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-12	1'	7/24/2022	ND	ND	ND	ND	ND	0	16
CS-13	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-14	1'	7/24/2022	ND	ND	ND	ND	ND	0	16
CS-15	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-16	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-17	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-18	2'	7/24/2022	ND	ND	ND	ND	ND	0	16
CS-19	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-20	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-21	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-22	4'	7/24/2022	ND	ND	ND	ND	ND	0	16
CS-23	4'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-24	4'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-25	4'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-26	4'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-27	3'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-28	3'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-29	4'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-30	4'	7/24/2022	ND	ND	ND	ND	ND	0	ND

Sample Name	Depth	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	TPH (mg/kg)	Chlorides (mg/kg)
CS-31	4'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-32	4'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-33	4'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-34	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-35	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-36	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-37	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-38	4'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-39	4'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-40	4'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-41	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-42	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-43	2'	7/24/2022	ND	ND	ND	ND	ND	0	16
CS-44	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-45	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-46	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-47	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-48	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-49	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-50	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-51	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-52	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-53	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-54	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-55	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-56	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-57	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-58	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-59	2'	7/24/2022	ND	ND	ND	ND	ND	0	16
CS-60	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-61	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND

Sample Name	Depth	Date	BTEX (mg/kg)	Benzene (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	TPH (mg/kg)	Chlorides (mg/kg)
CS-62	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-63	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-64	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-65	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CS-66	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CSW-1	1'	7/24/2022	ND	ND	ND	ND	ND	0	16
CSW-2	4'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CSW-3	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CSW-4	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CSW-5	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CSW-6	2'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CSW-7	3'	7/24/2022	ND	ND	ND	ND	ND	0	ND
CSW-8	1'	7/24/2022	ND	ND	ND	ND	ND	0	ND



**SITE PHOTOGRAPHS**  
**REVENIR ENERGY**  
**JM DENTON #2**

Site Assessment







Excavation









# Appendix A

Confirmation Sampling Lab Analysis & Chain of Custody



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

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July 29, 2022

TOM BYNUM

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: JM DENTON #2 FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 07/26/22 10:00.

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](http://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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 1 (H223272-01)**

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	07/27/2022	ND	1.96	97.9	2.00	0.981	
Toluene*	<0.050	0.050	07/27/2022	ND	2.18	109	2.00	4.85	
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	2.29	
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.48	108	6.00	2.13	
Total BTX	<0.300	0.300	07/27/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/28/2022	ND	400	100	400	3.92	

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	07/27/2022	ND	178	88.8	200	5.53	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	186	93.1	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 63.2 % 43-149

Surrogate: 1-Chlorooctadecane 68.0 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 2 (H223272-02)**

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	07/27/2022	ND	1.96	97.9	2.00	0.981		
Toluene*	<0.050	0.050	07/27/2022	ND	2.18	109	2.00	4.85		
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.48	108	6.00	2.13		
Total BTEx	<0.300	0.300	07/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/28/2022	ND	400	100	400	3.92		

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	07/27/2022	ND	178	88.8	200	5.53	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	186	93.1	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 66.0 % 43-149

Surrogate: 1-Chlorooctadecane 71.4 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 3 (H223272-03)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2022	ND	1.96	97.9	2.00	0.981		
Toluene*	<0.050	0.050	07/27/2022	ND	2.18	109	2.00	4.85		
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.48	108	6.00	2.13		
Total BTX	<0.300	0.300	07/27/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/28/2022	ND	400	100	400	3.92		

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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 68.0 % 43-149

Surrogate: 1-Chlorooctadecane 73.7 % 42.5-161

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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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 4 (H223272-04)**

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	07/27/2022	ND	1.96	97.9	2.00	0.981		
Toluene*	<0.050	0.050	07/27/2022	ND	2.18	109	2.00	4.85		
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.48	108	6.00	2.13		
Total BTX	<0.300	0.300	07/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 69.1 % 43-149

Surrogate: 1-Chlorooctadecane 74.2 % 42.5-161

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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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 5 (H223272-05)**

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	07/27/2022	ND	1.96	97.9	2.00	0.981		
Toluene*	<0.050	0.050	07/27/2022	ND	2.18	109	2.00	4.85		
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.48	108	6.00	2.13		
Total BTEx	<0.300	0.300	07/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	32.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 73.3 % 43-149

Surrogate: 1-Chlorooctadecane 78.6 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 6 (H223272-06)**

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	07/27/2022	ND	1.96	97.9	2.00	0.981		
Toluene*	<0.050	0.050	07/27/2022	ND	2.18	109	2.00	4.85		
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	2.08	104	2.00	2.29		
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.48	108	6.00	2.13		
Total BTX	<0.300	0.300	07/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 73.2 % 43-149

Surrogate: 1-Chlorooctadecane 78.8 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 7 (H223272-07)**

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	07/27/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/27/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.05	101	6.00	9.52		
Total BTX	<0.300	0.300	07/27/2022	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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 67.4 % 43-149

Surrogate: 1-Chlorooctadecane 72.8 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 8 (H223272-08)**

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	07/27/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/27/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.05	101	6.00	9.52		
Total BTEx	<0.300	0.300	07/27/2022	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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 65.7 % 43-149

Surrogate: 1-Chlorooctadecane 71.3 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 9 (H223272-09)**

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	07/27/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/27/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.05	101	6.00	9.52		
Total BTX	<0.300	0.300	07/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 71.3 % 43-149

Surrogate: 1-Chlorooctadecane 76.1 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 10 (H223272-10)**

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	07/27/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/27/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.05	101	6.00	9.52		
Total BTX	<0.300	0.300	07/27/2022	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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 64.8 % 43-149

Surrogate: 1-Chlorooctadecane 70.2 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 11 (H223272-11)**

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	07/27/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/27/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.05	101	6.00	9.52		
Total BTX	<0.300	0.300	07/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 62.3 % 43-149

Surrogate: 1-Chlorooctadecane 67.0 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 12 (H223272-12)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/27/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.05	101	6.00	9.52		
Total BTX	<0.300	0.300	07/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 64.8 % 43-149

Surrogate: 1-Chlorooctadecane 69.4 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 13 (H223272-13)**

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	07/27/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/27/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/27/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/27/2022	ND	6.05	101	6.00	9.52		
Total BTX	<0.300	0.300	07/27/2022	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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 60.8 % 43-149

Surrogate: 1-Chlorooctadecane 65.7 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 14 (H223272-14)**

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	07/28/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/28/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.05	101	6.00	9.52		
Total BTEx	<0.300	0.300	07/28/2022	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	16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 60.6 % 43-149

Surrogate: 1-Chlorooctadecane 65.5 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 15 (H223272-15)**

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	07/28/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/28/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.05	101	6.00	9.52		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 62.7 % 43-149

Surrogate: 1-Chlorooctadecane 67.3 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 16 (H223272-16)**

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	07/28/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/28/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.05	101	6.00	9.52		
Total BTX	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 69.5 % 43-149

Surrogate: 1-Chlorooctadecane 74.8 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 17 (H223272-17)**

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	07/28/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/28/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.05	101	6.00	9.52		
Total BTX	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 69.3 % 43-149

Surrogate: 1-Chlorooctadecane 74.5 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 18 (H223272-18)**

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	07/28/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/28/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.05	101	6.00	9.52		
Total BTX	<0.300	0.300	07/28/2022	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	16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 64.2 % 43-149

Surrogate: 1-Chlorooctadecane 69.2 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 19 (H223272-19)**

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	07/28/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/28/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.05	101	6.00	9.52		
Total BTX	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 69.7 % 43-149

Surrogate: 1-Chlorooctadecane 75.2 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 20 (H223272-20)**

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	07/28/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/28/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.05	101	6.00	9.52		
Total BTX	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 67.1 % 43-149

Surrogate: 1-Chlorooctadecane 72.1 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 21 (H223272-21)**

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	07/28/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/28/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.05	101	6.00	9.52		
Total BTX	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 70.3 % 43-149

Surrogate: 1-Chlorooctadecane 75.8 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 22 (H223272-22)**

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	07/28/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/28/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.05	101	6.00	9.52		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	175	87.4	200	4.65	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	184	92.1	200	4.03	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 68.5 % 43-149

Surrogate: 1-Chlorooctadecane 74.6 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 23 (H223272-23)**

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	07/28/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/28/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.05	101	6.00	9.52		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	<16.0	16.0	07/28/2022	ND	432	108	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 79.6 % 43-149

Surrogate: 1-Chlorooctadecane 74.3 % 42.5-161

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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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 24 (H223272-24)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/28/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.05	101	6.00	9.52		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 43-149

Surrogate: 1-Chlorooctadecane 80.1 % 42.5-161

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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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 25 (H223272-25)**

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	07/28/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/28/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.05	101	6.00	9.52		
Total BTX	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 43-149

Surrogate: 1-Chlorooctadecane 82.7 % 42.5-161

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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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 26 (H223272-26)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	8.77		
Toluene*	<0.050	0.050	07/28/2022	ND	1.99	99.5	2.00	9.23		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.94	96.8	2.00	8.73		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.05	101	6.00	9.52		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 43-149

Surrogate: 1-Chlorooctadecane 84.0 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 27 (H223272-27)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 84.6 % 43-149

Surrogate: 1-Chlorooctadecane 78.4 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 28 (H223272-28)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 90.4 % 43-149

Surrogate: 1-Chlorooctadecane 82.4 % 42.5-161

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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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 29 (H223272-29)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 43-149

Surrogate: 1-Chlorooctadecane 78.8 % 42.5-161

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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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 30 (H223272-30)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTX	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 43-149

Surrogate: 1-Chlorooctadecane 80.1 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 31 (H223272-31)**

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	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTX	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 43-149

Surrogate: 1-Chlorooctadecane 81.7 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 32 (H223272-32)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 77.2 % 43-149

Surrogate: 1-Chlorooctadecane 70.7 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 33 (H223272-33)**

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	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTX	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 43-149

Surrogate: 1-Chlorooctadecane 79.0 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 34 (H223272-34)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 43-149

Surrogate: 1-Chlorooctadecane 84.9 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 35 (H223272-35)**

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	07/28/2022	ND	1.77	88.6	2.00	12.0	
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3	
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7	
Total BTX	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 89.3 % 43-149

Surrogate: 1-Chlorooctadecane 81.6 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 36 (H223272-36)**

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	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 101 % 43-149

Surrogate: 1-Chlorooctadecane 95.1 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 37 (H223272-37)**

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	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 98.5 % 43-149

Surrogate: 1-Chlorooctadecane 90.7 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 38 (H223272-38)**

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	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 95.8 % 43-149

Surrogate: 1-Chlorooctadecane 88.4 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 39 (H223272-39)**

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	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 100 % 43-149

Surrogate: 1-Chlorooctadecane 92.5 % 42.5-161

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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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 40 (H223272-40)**

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	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 91.9 % 43-149

Surrogate: 1-Chlorooctadecane 84.1 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 41 (H223272-41)**

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	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 43-149

Surrogate: 1-Chlorooctadecane 88.9 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 42 (H223272-42)**

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	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	212	106	200	4.26	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	223	111	200	4.66	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 89.0 % 43-149

Surrogate: 1-Chlorooctadecane 80.3 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 43 (H223272-43)**

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	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTX	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 66.9 % 43-149

Surrogate: 1-Chlorooctadecane 77.9 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 44 (H223272-44)**

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	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 66.1 % 43-149

Surrogate: 1-Chlorooctadecane 75.7 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 45 (H223272-45)**

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	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 73.5 % 43-149

Surrogate: 1-Chlorooctadecane 83.1 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 46 (H223272-46)**

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	07/28/2022	ND	1.77	88.6	2.00	12.0		
Toluene*	<0.050	0.050	07/28/2022	ND	1.86	93.2	2.00	14.3		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	1.82	91.2	2.00	13.6		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	5.67	94.6	6.00	14.7		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 43-149

Surrogate: 1-Chlorooctadecane 94.0 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 47 (H223272-47)**

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	07/28/2022	ND	2.10	105	2.00	6.25		
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 72.9 % 43-149

Surrogate: 1-Chlorooctadecane 83.0 % 42.5-161

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 48 (H223272-48)**

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	07/28/2022	ND	2.10	105	2.00	6.25		
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 71.1 % 43-149

Surrogate: 1-Chlorooctadecane 81.0 % 42.5-161

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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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 49 (H223272-49)**

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	07/28/2022	ND	2.10	105	2.00	6.25	
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78	
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16	
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32	
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 71.3 % 43-149

Surrogate: 1-Chlorooctadecane 80.6 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 50 (H223272-50)**

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	07/28/2022	ND	2.10	105	2.00	6.25	
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78	
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16	
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32	
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 66.0 % 43-149

Surrogate: 1-Chlorooctadecane 74.7 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 51 (H223272-51)**

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	07/28/2022	ND	2.10	105	2.00	6.25		
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32		
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 65.7 % 43-149

Surrogate: 1-Chlorooctadecane 74.9 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 52 (H223272-52)**

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	07/28/2022	ND	2.10	105	2.00	6.25	
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78	
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16	
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32	
Total BTX	<0.300	0.300	07/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 67.5 % 43-149

Surrogate: 1-Chlorooctadecane 77.2 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 53 (H223272-53)**

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	07/28/2022	ND	2.10	105	2.00	6.25		
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 66.9 % 43-149

Surrogate: 1-Chlorooctadecane 76.9 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 54 (H223272-54)**

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	07/28/2022	ND	2.10	105	2.00	6.25	
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78	
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16	
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32	
Total BTEx	<0.300	0.300	07/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 62.9 % 43-149

Surrogate: 1-Chlorooctadecane 71.6 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 55 (H223272-55)**

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	07/28/2022	ND	2.10	105	2.00	6.25		
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32		
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 62.5 % 43-149

Surrogate: 1-Chlorooctadecane 70.6 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 56 (H223272-56)**

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	07/28/2022	ND	2.10	105	2.00	6.25		
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 57.9 % 43-149

Surrogate: 1-Chlorooctadecane 66.7 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 57 (H223272-57)**

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	07/28/2022	ND	2.10	105	2.00	6.25		
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32		
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 72.6 % 43-149

Surrogate: 1-Chlorooctadecane 82.3 % 42.5-161

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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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 58 (H223272-58)**

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	07/28/2022	ND	2.10	105	2.00	6.25	
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78	
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16	
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32	
Total BTEx	<0.300	0.300	07/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 75.1 % 43-149

Surrogate: 1-Chlorooctadecane 85.4 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 59 (H223272-59)**

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	07/28/2022	ND	2.10	105	2.00	6.25		
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32		
Total BTEx	<0.300	0.300	07/28/2022	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	16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 58.4 % 43-149

Surrogate: 1-Chlorooctadecane 67.0 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CS - 60 (H223272-60)**

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	07/28/2022	ND	2.10	105	2.00	6.25		
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32		
Total BTX	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 65.3 % 43-149

Surrogate: 1-Chlorooctadecane 75.0 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CSW - 1 (H223272-61)**

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	07/28/2022	ND	2.10	105	2.00	6.25		
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32		
Total BTEx	<0.300	0.300	07/28/2022	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	16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 64.2 % 43-149

Surrogate: 1-Chlorooctadecane 76.4 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CSW - 2 (H223272-62)**

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	07/28/2022	ND	2.10	105	2.00	6.25		
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	224	112	200	10.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 72.6 % 43-149

Surrogate: 1-Chlorooctadecane 83.3 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CSW - 3 (H223272-63)**

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	07/28/2022	ND	2.10	105	2.00	6.25		
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	253	126	200	29.0	QM-07
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	27.9	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 68.4 % 43-149

Surrogate: 1-Chlorooctadecane 72.5 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CSW - 4 (H223272-64)**

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	07/28/2022	ND	2.10	105	2.00	6.25	
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78	
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16	
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32	
Total BTEx	<0.300	0.300	07/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	253	126	200	29.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	27.9	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 43-149

Surrogate: 1-Chlorooctadecane 98.6 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CSW - 5 (H223272-65)**

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	07/28/2022	ND	2.10	105	2.00	6.25	
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78	
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16	
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32	
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	253	126	200	29.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	27.9	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 95.0 % 43-149

Surrogate: 1-Chlorooctadecane 99.9 % 42.5-161

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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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CSW - 6 (H223272-66)**

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	07/28/2022	ND	2.10	105	2.00	6.25		
Toluene*	<0.050	0.050	07/28/2022	ND	2.14	107	2.00	5.78		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	6.16		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.55	109	6.00	5.32		
Total BTEx	<0.300	0.300	07/28/2022	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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	253	126	200	29.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	27.9	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 43-149

Surrogate: 1-Chlorooctadecane 102 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CSW - 7 (H223272-67)**

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	07/28/2022	ND	2.07	103	2.00	7.38		
Toluene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	7.89		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.18	109	2.00	7.61		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.68	111	6.00	7.21		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	253	126	200	29.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	27.9	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 97.3 % 43-149

Surrogate: 1-Chlorooctadecane 99.4 % 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:**

PIMA ENVIROMENTAL  
TOM BYNUM  
1601 N TURNER STE. 500  
HOBBS NM, 88240  
Fax To:

Received: 07/26/2022  
Reported: 07/29/2022  
Project Name: JM DENTON #2 FLOWLINE  
Project Number: 17-1  
Project Location: LEGACY - LEA COUNTY

Sampling Date: 07/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: CSW - 8 (H223272-68)**

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	07/28/2022	ND	2.07	103	2.00	7.38		
Toluene*	<0.050	0.050	07/28/2022	ND	2.15	108	2.00	7.89		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.18	109	2.00	7.61		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.68	111	6.00	7.21		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	<16.0	16.0	07/28/2022	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	07/27/2022	ND	253	126	200	29.0	
DRO >C10-C28*	<10.0	10.0	07/27/2022	ND	230	115	200	27.9	
EXT DRO >C28-C36	<10.0	10.0	07/27/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 43-149

Surrogate: 1-Chlorooctadecane 100 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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 "C. 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: Pima Environmental Services				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																		
Project Manager: Tom Bynum				P.O. #:																						
Address: 5614 N. Lovington Hwy				Company: <i>Legacy Reserves Co</i>																						
City: Hobbs State: NM Zip: 88240				Attn:																						
Phone #: 575-964-7740 Fax #:				Address:																						
Project #: 17-1 Project Owner:				City:																						
Project Name: <i>JM Denton #2 Flow line</i>				State: Zip:																						
Project Location: <i>Leg. Canyon</i>				Phone #:																						
Sampler Name: <i>Sush Douglas</i>				Fax #:																						
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																
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												
<i>H223272</i>																										
1	CS-1					X					X		7/12/22	0600												
2	CS-2													0605												
3	CS-3													0610												
4	CS-4													0615												
5	CS-5													0620												
6	CS-6													0625												
7	CS-7													0630												
8	CS-8													0635												
9	CS-9													0640												
10	CS-10													0645												

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Relinquished By: <i>RAA</i>	Date: <i>7/12/22</i>	Received By: <i>Amara Oldaker</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: <i>1000</i>	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) <i>-13.0°C</i>	Time:	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>	REMARKS: <i>Bill TO Legacy Reserves</i>	
Sampler - UPS - Bus - Other: <i>-13.6°C #13</i>		Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		
		CHECKED BY: (Initials) <i>TO</i>		

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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

101 East Mainland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476										BILL TO										ANALYSIS REQUEST									
Company Name: Pima Environmental Services										P.O. #:																			
Project Manager: Tom Bynum										Company: Legacy Resources																			
Address: 5614 N. Lovington Hwy										Attn:																			
City: Hobbs State: NM Zip: 88240										Address:																			
Phone #: 575-964-7740 Fax #:										City:																			
Project #: 17-1 Project Owner:										State: Zip:																			
Project Name: SW Denton #2 Flowline										Phone #:																			
Project Location: Lea County										Fax #:																			
Sampler Name: Josh Douglas																													
FOR LAB USE ONLY																													
Lab I.D.										Sample I.D.																			
H223272																													
11 CS-11																													
12 CS-12																													
13 CS-13																													
14 CS-14																													
15 CS-15																													
16 CS-16																													
17 CS-17																													
18 CS-18																													
19 CS-19																													
20 CS-20																													
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Relinquished By: [Signature]										Date: 7/16/12										Received By: [Signature]									
Time: 1000																													
Relinquished By:										Date:										Received By:									
Time:																													
Delivered By: (Circle One) -13.0°C -0.6°C										Sample Condition Cool Intact										CHECKED BY: (Initials) T-8									
Sampler - UPS - Bus - Other: -13.6°C #113										Yes No Yes No																			
																				Phone Result: Yes No Add'l Phone #:									
																				Fax Result: Yes No Add'l Fax #:									
																				REMARKS: Bill To Legacy Resources									





# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Pima Environmental Services		BILL TO		ANALYSIS REQUEST																						
Project Manager: Tom Bynum		P.O. #:																								
Address: 5614 N. Lovington Hwy		Company: <i>Legacy Reserve</i>																								
City: Hobbs State: NM Zip: 88240		Attn:																								
Phone #: 575-964-7740 Fax #:		Address:																								
Project #: <i>17-1</i> Project Owner:		City:																								
Project Name: <i>SM Denton #2 Flowline</i>		State: Zip:																								
Project Location: <i>Lea County</i>		Phone #:																								
Sampler Name: <i>Josh Doyle</i>		Fax #:																								
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (COMP. # CONTAINERS	MATRIX					PRESERV.	SAMPLING																
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL													OTHER :	DATE	TIME
	<i>H023272</i>																									
	<i>21</i>	<i>CS-21</i>	<i>C</i>			<i>X</i>					<i>X</i>														<i>7/15/17</i>	<i>0740</i>
	<i>22</i>	<i>CS-22</i>																								<i>0745</i>
	<i>23</i>	<i>CS-23</i>																								<i>0750</i>
	<i>24</i>	<i>CS-24</i>																								<i>0755</i>
	<i>25</i>	<i>CS-25</i>												<i>0800</i>												
	<i>26</i>	<i>CS-26</i>												<i>0805</i>												
	<i>27</i>	<i>CS-27</i>												<i>0810</i>												
	<i>28</i>	<i>CS-28</i>												<i>0815</i>												
	<i>29</i>	<i>CS-29</i>												<i>0820</i>												
	<i>30</i>	<i>CS-30</i>												<i>0825</i>												

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Relinquished By: <i>[Signature]</i>	Date: <i>7/14/17</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: <i>1000</i>	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) <i>-13.0°C</i>	Time:	Sample Condition: <i>C-06C</i>	REMARKS: <i>Bill to Legacy Reserve</i>	
Sampler - UPS - Bus - Other: <i>-13.6°C #113</i>		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		
		CHECKED BY: (Initials) <i>[Signature]</i>		

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Pima Environmental Services		BILL TO		ANALYSIS REQUEST																				
Project Manager: Tom Bynum		P.O. #:																						
Address: 5614 N. Lovington Hwy		Company: <i>Larry Tesoro</i>																						
City: Hobbs State: NM Zip: 88240		Attn:																						
Phone #: 575-964-7740 Fax #:		Address:																						
Project #: 17-1 Project Owner:		City:																						
Project Name: <i>5m Denton #2 Plowlin</i>		State: Zip:																						
Project Location: <i>L.A. County</i>		Phone #:																						
Sampler Name: <i>50th Douglas</i>		Fax #:																						
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (COMP. # CONTAINERS	MATRIX			PRESERV.	SAMPLING																
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME										
	<i>4223272</i>					<i>X</i>					<i>X</i>		<i>7/25/00</i>	<i>0830</i>										
	<i>31</i>	<i>CS-31</i>												<i>0835</i>										
	<i>32</i>	<i>CS-32</i>												<i>0840</i>										
	<i>33</i>	<i>CS-33</i>												<i>0845</i>										
	<i>34</i>	<i>CS-34</i>												<i>0850</i>										
	<i>35</i>	<i>CS-35</i>												<i>0855</i>										
	<i>36</i>	<i>CS-36</i>												<i>0900</i>										
	<i>37</i>	<i>CS-37</i>												<i>0905</i>										
	<i>38</i>	<i>CS-38</i>												<i>0910</i>										
	<i>39</i>	<i>CS-39</i>												<i>0915</i>										
	<i>40</i>	<i>CS-40</i>																						

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Relinquished By: <i>[Signature]</i>	Date: <i>7/25/00</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) <i>-13.0°C</i>	Time: <i>1000</i>	Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact	REMARKS: <i>Soil TO Legacy Reservoir</i>	
Sampler - UPS - Bus - Other: <i>-13.6°C #113</i>	Time:	Checked By: (Initials) <i>Yo.</i>		

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





# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Pima Environmental Services		BILL TO		ANALYSIS REQUEST																					
Project Manager: Tom Bynum		P.O. #:																							
Address: 5614 N. Lovington Hwy		Company: <i>Legacy Reservoir</i>																							
City: Hobbs State: NM Zip: 88240		Attn:																							
Phone #: 575-964-7740 Fax #:		Address:																							
Project #: <i>17-1</i> Project Owner:		City:																							
Project Name: <i>5th Denton #2 Pipeline</i>		State: Zip:																							
Project Location: <i>Lea County</i>		Phone #:																							
Sampler Name: <i>Cash Douglas</i>		Fax #:																							
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING		<i>BTex</i> <i>+PH</i> <i>Chloride</i>												
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL											OTHER:	DATE	TIME
	<i>H22302</i>						X					X												<i>7/15/21</i>	<i>0920</i>
	<i>41</i>	<i>CS-41</i>																							<i>0925</i>
	<i>42</i>	<i>CS-42</i>																							<i>0930</i>
	<i>43</i>	<i>CS-43</i>																							<i>0935</i>
	<i>44</i>	<i>CS-44</i>																							<i>0940</i>
	<i>45</i>	<i>CS-45</i>																							<i>0945</i>
	<i>46</i>	<i>CS-46</i>																							<i>0950</i>
	<i>47</i>	<i>CS-47</i>																							<i>0955</i>
	<i>48</i>	<i>CS-48</i>													<i>1000</i>										
	<i>49</i>	<i>CS-49</i>													<i>1005</i>										
	<i>50</i>	<i>CS-50</i>																							

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Relinquished By: <i>[Signature]</i>	Date: <i>7/15/21</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <i>1000</i>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		<i>BTex TO Legacy Reservoir</i>	
Delivered By: (Circle One) <i>-13.0°C</i>				
Sampler - UPS - Bus - Other: <i>-13.0°C #113</i>	Sample Condition	CHECKED BY: (Initials)		
	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	<i>[Initials]</i>		
	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

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



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Pima Environmental Services				BILL TO		ANALYSIS REQUEST																			
Project Manager: Tom Bynum				P.O. #:		<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> </div>																			
Address: 5614 N. Lovington Hwy				Company: <i>Legacy Reserves</i>																					
City: Hobbs State: NM Zip: 88240				Attn:																					
Phone #: 575-964-7740 Fax #:				Address:																					
Project #: <i>17-1</i> Project Owner:				City:																					
Project Name: <i>San Denton #2 Flowline</i>				State: Zip:																					
Project Location: <i>Leh. County</i>				Phone #:																					
Sampler Name: <i>Sash Dwyer</i>				Fax #:																					
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (COMP.)	# CONTAINERS	MATRIX				PRESERV.	SAMPLING															
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME										
	<i>H223272</i>						X					X		<i>7/26/22</i>	<i>1010</i>										
	<i>57</i>	<i>CS-51</i>													<i>1015</i>										
	<i>52</i>	<i>CS-52</i>													<i>1020</i>										
	<i>53</i>	<i>CS-53</i>													<i>1025</i>										
	<i>54</i>	<i>CS-54</i>													<i>1030</i>										
	<i>55</i>	<i>CS-55</i>													<i>1035</i>										
	<i>56</i>	<i>CS-56</i>													<i>1040</i>										
	<i>57</i>	<i>CS-57</i>													<i>1045</i>										
	<i>58</i>	<i>CS-58</i>													<i>1050</i>										
	<i>59</i>	<i>CS-59</i>													<i>1055</i>										
	<i>60</i>	<i>CS-60</i>																							

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Relinquished By: <i>[Signature]</i>	Date: <i>7/26/22</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) <i>-13.0°C C.O.G.</i>	Time: <i>1000</i>	Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact	REMARKS: <i>Bill TO LEGACY Reserves</i>	
Sampler - UPS - Bus - Other: <i>-13.6°C #13</i>	Time:	<input type="checkbox"/> Yes <input type="checkbox"/> No		
		CHECKED BY: (Initials) <i>TO</i>		

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





# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Pima Environmental Services				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>														
Project Manager: Tom Bynum				P.O. #:				<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Company: <i>Legacy Resources</i></p> <p>Attn:</p> <p>Address:</p> <p>City:</p> <p>State: Zip:</p> <p>Phone #:</p> <p>Fax #:</p> </div> <div style="width: 65%;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><i>BTEX</i></p> <p><i>TPH</i></p> <p><i>Chlorides</i></p> </div> <div style="width: 50%;"> <!-- Empty grid for analysis results --> </div> </div> </div> </div>														
Address: 5614 N. Lovington Hwy				Company:																		
City: Hobbs State: NM Zip: 88240				Attn:																		
Phone #: 575-964-7740 Fax #:				Address:																		
Project #: <i>17-1</i> Project Owner:				City:																		
Project Name: <i>JM Denton #2 Pipeline</i>				State: Zip:																		
Project Location: <i>Liberty County</i>				Phone #:																		
Sampler Name: <i>Josh Douglas</i>				Fax #:																		
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING														
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								
<i>H223272</i>																						
<i>61</i>	<i>CSW-1</i>					<i>X</i>							<i>7/12/20</i>	<i>1100</i>								
<i>62</i>	<i>CSW-2</i>													<i>1105</i>								
<i>63</i>	<i>CSW-3</i>													<i>1110</i>								
<i>64</i>	<i>CSW-4</i>													<i>1115</i>								
<i>65</i>	<i>CSW-5</i>													<i>1120</i>								
<i>66</i>	<i>CSW-6</i>													<i>1125</i>								
<i>67</i>	<i>CSW-7</i>													<i>1130</i>								
<i>68</i>	<i>CSW-8</i>													<i>1135</i>								

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Relinquished By: <i>[Signature]</i>		Date: <i>7/12/20</i>	Received By: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
		Time: <i>1000</i>			Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:		REMARKS:	
		Time:			<i>Bill TO Legacy Resources</i>	
Delivered By: (Circle One) <i>-13.0°C -0.6°C</i>		Sample Condition		CHECKED BY:		
Sampler - UPS - Bus - Other: <i>-13.6°C #13</i>		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		(Initials) <i>[Signature]</i>		

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# Appendix B

Groundwater Data from NMOSE



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tw</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
NA	L 14152 POD24	2	1	2	14	15S	37E	671225	3655508 

---

**Driller License:** 1456      **Driller Company:** WHITE DRILLING COMPANY

**Driller Name:** JOHN WHITE

**Drill Start Date:** 02/25/2020      **Drill Finish Date:** 02/25/2020      **Plug Date:**

**Log File Date:** 03/17/2020      **PCW Rev Date:**      **Source:** Shallow

**Pump Type:**      **Pipe Discharge Size:**      **Estimated Yield:** 0 GPM

**Casing Size:** 2.00      **Depth Well:** 89 feet      **Depth Water:** 65 feet

---

**Water Bearing Stratifications:**

<b>Top</b>	<b>Bottom</b>	<b>Description</b>
34	89	Sandstone/Gravel/Conglomerate

---

**Casing Perforations:**

<b>Top</b>	<b>Bottom</b>
58	88

---

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.


6/9/23 10:05 AM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
NA	L 14152 POD23	2	1	2	14	15S	37E	671166	3655528 
Driller License:	1456	Driller Company:				WHITE DRILLING COMPANY			
Driller Name:	JOHN WHITE								
Drill Start Date:	02/20/2020	Drill Finish Date:				02/26/2020		Plug Date:	
Log File Date:	03/17/2020	PCW Rev Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:						Estimated Yield:	0 GPM
Casing Size:	2.00	Depth Well:				89 feet		Depth Water:	65 feet
Water Bearing Stratifications:					Top	Bottom	Description		
					34	89	Sandstone/Gravel/Conglomerate		
Casing Perforations:					Top	Bottom			
					58	88			

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6/9/23 10:04 AM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)		
Well Tag	POD Number		Q64	Q16	Q4	Sec	Tw	Rng	X	Y
NA	L	14152 POD22	4	3	4	11	15S	37E	671227	3655455 
<hr/>										
Driller License:		1456		Driller Company:			WHITE DRILLING COMPANY			
Driller Name:		JOHN WHITE								
<hr/>										
Drill Start Date:		02/24/2020		Drill Finish Date:			02/26/2020		Plug Date:	
Log File Date:		03/17/2020		PCW Rev Date:					Source: Shallow	
Pump Type:				Pipe Discharge Size:					Estimated Yield: 0 GPM	
Casing Size:		2.00		Depth Well:			89 feet		Depth Water: 65 feet	
<hr/>										
Water Bearing Stratifications:						Top	Bottom	Description		
						34	89	Sandstone/Gravel/Conglomerate		
<hr/>										
Casing Perforations:						Top	Bottom			
						58	88			
<hr/>										

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6/9/23 10:03 AM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tw</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
NA	L 14152 POD21	1	2	2	14	15S	37E	671288	3655501 

---

**Driller License:** 1456      **Driller Company:** WHITE DRILLING COMPANY

**Driller Name:** JOHN WHITE

**Drill Start Date:** 02/20/2020      **Drill Finish Date:** 02/26/2020      **Plug Date:**

**Log File Date:** 03/17/2020      **PCW Rev Date:**      **Source:** Shallow

**Pump Type:**      **Pipe Discharge Size:**      **Estimated Yield:** 0 GPM

**Casing Size:** 2.00      **Depth Well:** 89 feet      **Depth Water:** 65 feet

---

**Water Bearing Stratifications:**

<b>Top</b>	<b>Bottom</b>	<b>Description</b>
27	89	Sandstone/Gravel/Conglomerate

---

**Casing Perforations:**

<b>Top</b>	<b>Bottom</b>
58	88

---

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6/9/23 9:59 AM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
NA	L 14152 POD20	3	4	4	11	15S	37E	671250	3655547 
x									
Driller License:	1456	Driller Company:				WHITE DRILLING COMPANY			
Driller Name:	JOHN WHITE								
Drill Start Date:	02/20/2020	Drill Finish Date:				02/26/2020		Plug Date:	
Log File Date:	03/17/2020	PCW Rcv Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:						Estimated Yield:	0 GPM
Casing Size:	2.00	Depth Well:				89 feet		Depth Water:	65 feet
x									
Water Bearing Stratifications:					Top	Bottom	Description		
					31	89	Sandstone/Gravel/Conglomerate		
x									
Casing Perforations:					Top	Bottom			
					58	88			

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6/9/23 9:58 AM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tw</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
NA	L 14152 POD19	2	1	2	14	15S	37E	671188	3655404 

---

**Driller License:** 1456      **Driller Company:** WHITE DRILLING COMPANY

**Driller Name:** JOHN WHITE

**Drill Start Date:** 02/19/2020      **Drill Finish Date:** 02/26/2020      **Plug Date:**

**Log File Date:** 03/17/2020      **PCW Rev Date:**      **Source:** Shallow

**Pump Type:**      **Pipe Discharge Size:**      **Estimated Yield:** 0 GPM

**Casing Size:** 2.00      **Depth Well:** 90 feet      **Depth Water:** 65 feet

---

**Water Bearing Stratifications:**

<b>Top</b>	<b>Bottom</b>	<b>Description</b>
32	90	Sandstone/Gravel/Conglomerate

---

**Casing Perforations:**

<b>Top</b>	<b>Bottom</b>
63	88

---

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6/9/23 9:58 AM


POINT OF DIVERSION SUMMARY





# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
NA	L 14152 POD18	2	1	2	14	15S	37E	671140	3655466 
x									
Driller License:	1456	Driller Company:			WHITE DRILLING COMPANY				
Driller Name:	JOHN WHITE								
Drill Start Date:	02/21/2020	Drill Finish Date:			02/26/2020		Plug Date:		
Log File Date:	03/17/2020	PCW Rcv Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:						Estimated Yield:	0 GPM
Casing Size:	2.00	Depth Well:			89 feet		Depth Water: 65 feet		
x									
Water Bearing Stratifications:					Top	Bottom	Description		
					36	89	Sandstone/Gravel/Conglomerate		
x									
Casing Perforations:					Top	Bottom			
					58	88			

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6/9/23 9:56 AM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
NA	L 14152 POD17	2	1	2	14	15S	37E	671132	3655522 
<hr/>									
Driller License:	1456	Driller Company:			WHITE DRILLING COMPANY				
Driller Name:	JOHN WHITE								
Drill Start Date:	02/24/2020	Drill Finish Date:			02/26/2020		Plug Date:		
Log File Date:	03/17/2020	PCW Rev Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:						Estimated Yield:	
Casing Size:	2.00	Depth Well:			89 feet		Depth Water: 65 feet		
<hr/>									
Water Bearing Stratifications:					Top	Bottom	Description		
					34	89	Sandstone/Gravel/Conglomerate		
<hr/>									
Casing Perforations:					Top	Bottom			
					58	88			
<hr/>									

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.


6/9/23 9:55 AM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
NA	L 14152 POD16	1	2	2	14	15S	37E	671273	3655439 
x									
Driller License:	1456	Driller Company:			WHITE DRILLING COMPANY				
Driller Name:	JOHN WHITE								
Drill Start Date:	02/20/2020	Drill Finish Date:			02/26/2020		Plug Date:		
Log File Date:	03/17/2020	PCW Rcv Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:						Estimated Yield:	
Casing Size:	2.00	Depth Well:			90 feet		Depth Water: 65 feet		
x									
Water Bearing Stratifications:					Top	Bottom	Description		
					34	90	Sandstone/Gravel/Conglomerate		
x									
Casing Perforations:					Top	Bottom			
					63	88			

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.

6/9/23 9:54 AM

POINT OF DIVERSION SUMMARY

**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 226443

CONDITIONS

Operator:  LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID:  240974
	Action Number:  226443
	Action Type:  [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Closure report accepted and approved. In the future, operator must submit 2 business day notification to OCD toward final sampling. Release resolved.	9/12/2023