



SITE INFORMATION

Closure Report
Pegasus 3 Fed Com CTB
Lea County, New Mexico
Unit N Sec 3 T24S R32E
Incident #: NAPP2212534201
32.242706°, -103.663279°

Crude Oil and Produced Water Release

Point of Release: Tank Overflow

Release Date: 04/20/2022

Volume Released: 35 barrels of Crude Oil, 4 barrels of Produced Water

Volume Recovered: 22 barrels of Crude Oil, 3 barrels of Produced Water

CARMONA RESOURCES



Prepared for:
EOG Resources, Inc
5509 Champions Dr.
Midland, TX 79706

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 415
Midland, Texas 79701

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July 13, 2022

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

**Re: Closure Report
Pegasus 3 Fed Com CTB
EOG Resources, Inc
Site Location: Unit N, S3, T24S, R32E
(Lat 32.242706°, Long -103.663279°)
Lea County, New Mexico**

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Pegasus 3 Fed Com CTB. The site is located at 32.242706, -103.663279 within Unit N, S3, T24S, R32E, and in Lea County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on April 20, 2022, caused by a transfer pump being shut off, causing tanks to overflow. It resulted in the release of approximately thirty-five (35) barrels of crude oil and four (4) barrels of produced water. A vacuum truck was dispatched to remove all freestanding fluids, recovering twenty-two (22) barrels of crude oil and three (3) barrels of produced water. The impacted area measured is shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, one known water source is within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.20 miles Southwest of the site in S03, T24S, R32E and was drilled in 1976. The well has a reported depth to groundwater of 454.43' feet below ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

4.0 Site Assessment Activities

Initial Assessment/Trenches

On May 31, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of three (3) trenches (T-1 through T-3) and six (6) horizontal points (H-1 through H-6) were installed to total depths ranging from surface to 4.0 ft below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by



EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The sample locations are shown in Figure 3.

The area of (T-1) showed an elevated TPH concentration of 135 mg/kg at 4.0 ft bgs. Vertical delineation was not achieved during trenching. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel was onsite from July 6, 2022, through July 12, 2022, to supervise the remediation activities, collect confirmation samples, and oversee backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on July 6, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of T-1 was excavated to a depth of 4.5' below the surface, and the areas of T-2 and T-3 were excavated to a depth of 2.0' below the surface. A total of eight (8) confirmation floor samples were collected (CS-1 through CS-8), and twelve (12) sidewall samples (SW-1 through SW-12) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 140 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and EOG formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

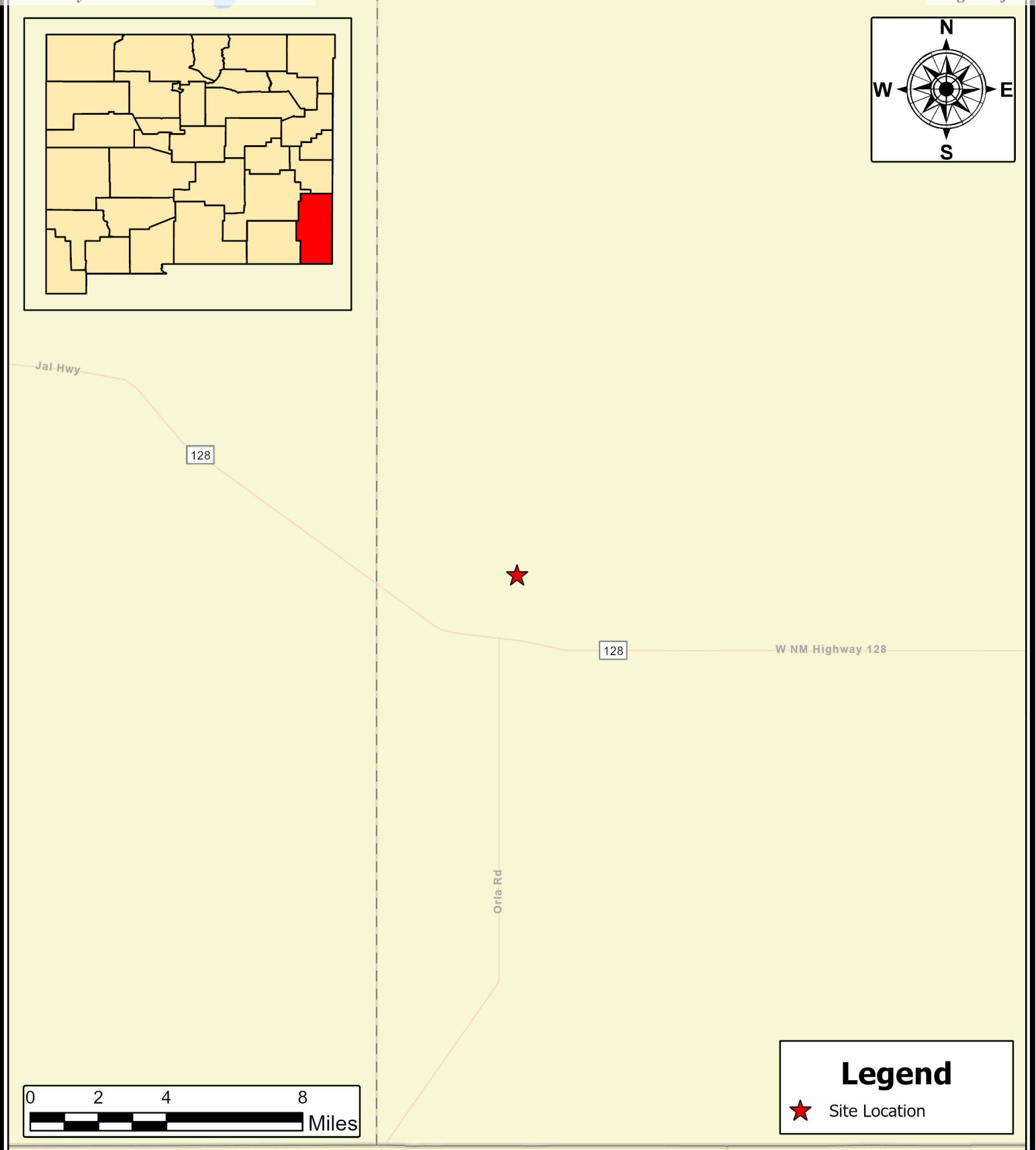
Conner Moehring
Sr. Project Manager

Ashton Thielke
Sr. Project Manager

FIGURES

CARMONA RESOURCES



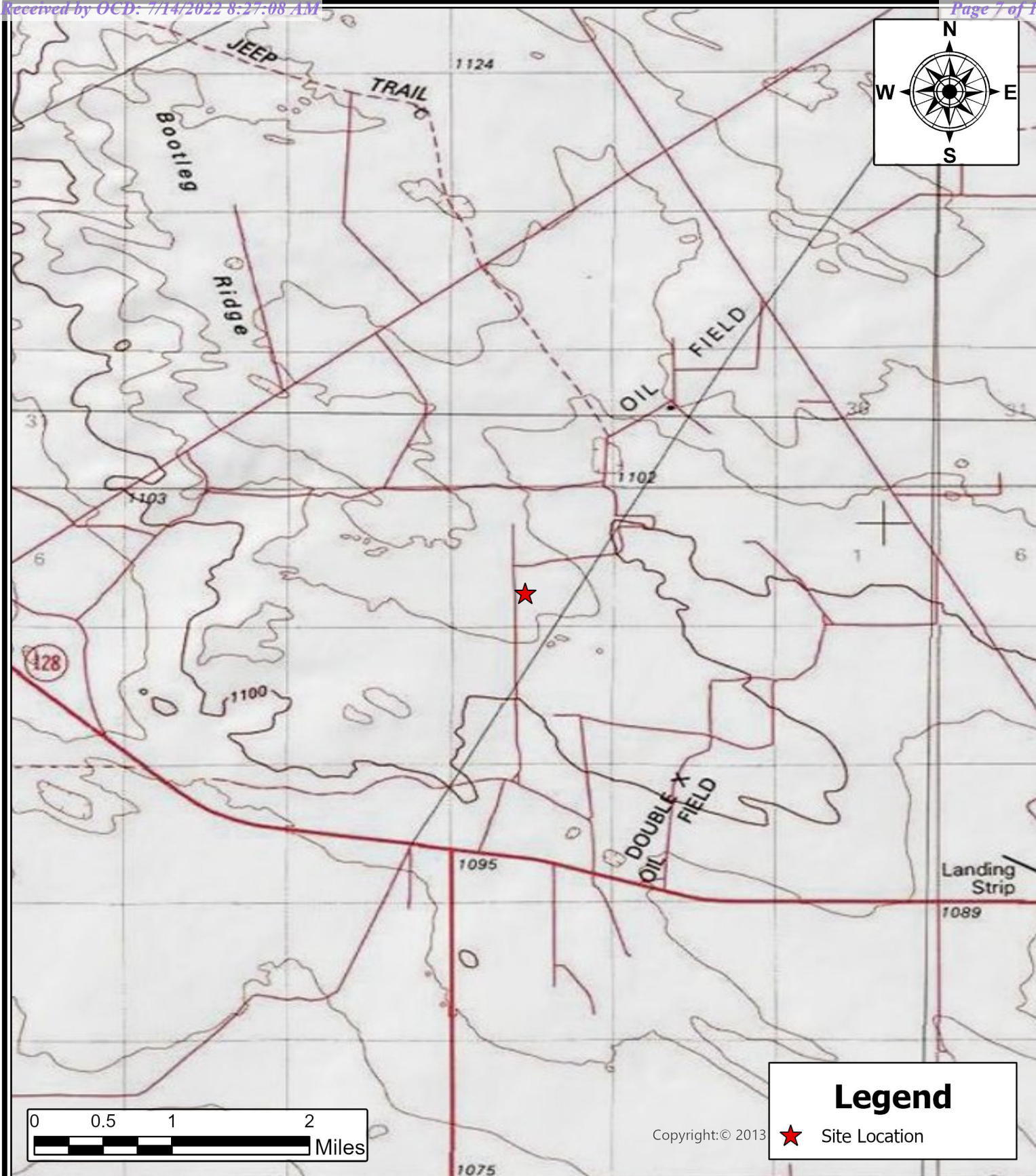


OVERVIEW MAP EOG RESOURCES PEGASUS 3 FED COM CTB LEA COUNTY, NEW MEXICO 32.242706, -103.663279	
SCALE: As Shown	Date: 7/13/2022

 Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701
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NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 1
SHEET NUMBER:
1 of 1



Legend

★ Site Location

Copyright:© 2013

TOPOGRAPHIC MAP
EOG RESOURCES
 PEGASUS 3 FED COM CTB
 LEA COUNTY, NEW MEXICO
 32.242706, -103.663279

SCALE: As Shown

Date: 7/13/2022



Carmona Resources
 310 West Wall Street, Suite 415
 Midland, Texas 79701

NOTES:

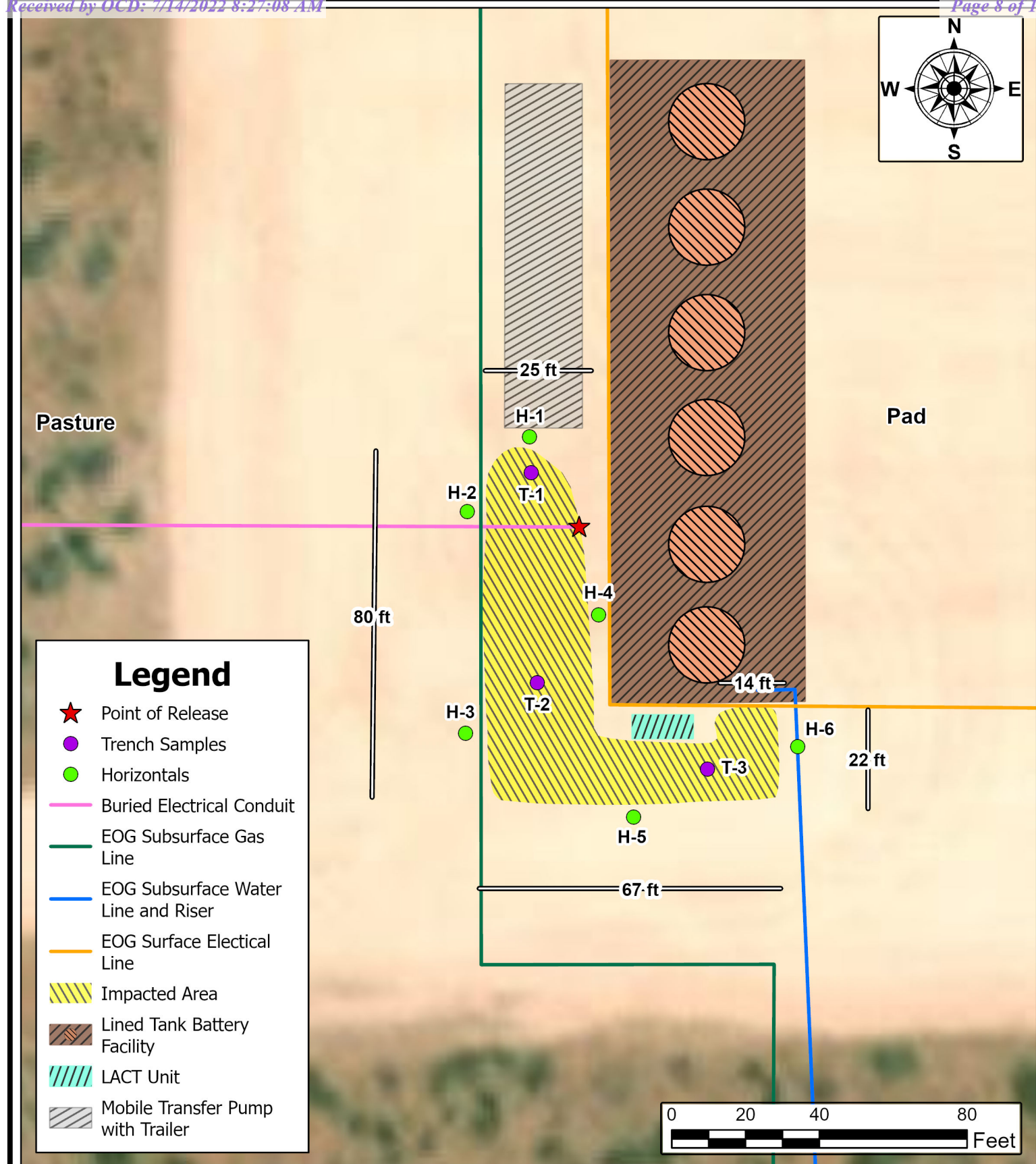
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1



**SAMPLE LOCATION MAP
EOG RESOURCES**

PEGASUS 3 FED COM CTB
LEA COUNTY, NEW MEXICO
32.242706, -103.663279

SCALE: As Shown

Date: 7/13/2022



Carmona Resources
310 West Wall Street, Suite 415
Midland, Texas 79701

NOTES:

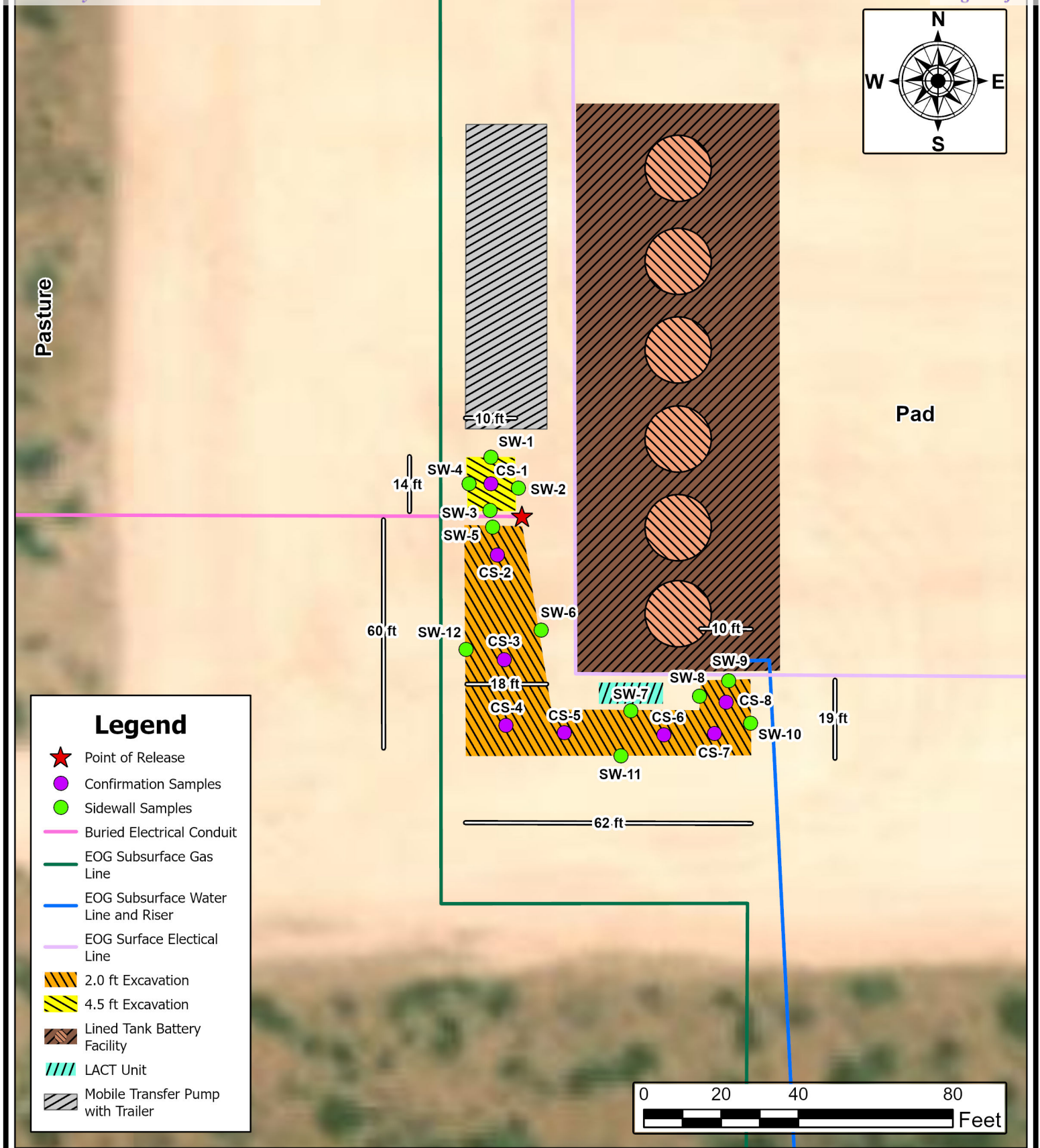
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



EXCAVATION DEPTH MAP EOG RESOURCES PEGASUS 3 FED COM CTB LEA COUNTY, NEW MEXICO 32.242706, -103.663279	CARMONA RESOURCES Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701	NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N	DRAWING NUMBER: FIGURE 4 SHEET NUMBER: 1 of 1
SCALE: As Shown	Date: 7/13/2022		

APPENDIX A

CARMONA RESOURCES



Table 1
EOG
Pegasus 3 Fed Com CTB
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	ORO	Total TPH						
T-1	5/31/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	243
	"	1.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	217
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	94.7
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	15.3
	"	4.0	<49.9	135	<49.9	135	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	110
T-2	5/31/2022	0-1	<50.0	898	<50.0	898	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	384
	"	1.0	<50.0	796	<50.0	796	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	440
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	12.2
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11.4
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	114
T-3	5/31/2022	0-1	469	14,000	<250	14,500	<0.0501	0.0981	0.341	2.84	3.28	5,030
	"	1.0	435	14,000	<249	14,400	<0.0503	0.0730	0.286	1.95	2.31	5,850
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	0.0139	0.0139	59.4
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	54.1
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	88.2
H-1	5/31/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.0
H-2	5/31/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	9.98
H-3	5/31/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.9
H-4	5/31/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12.5
H-5	5/31/2022	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	16.7
H-6	5/31/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	13.6
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(H) Horizontal

(T) Trench

 Removed

Table 2
EOG
Pegasus 3 Fed Com CTB
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	ORO	Total TPH						
CS-1	7/8/2022	4.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	25.6
CS-2	7/8/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.2
CS-3	7/8/2022	2.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	17.0
CS-4	7/8/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	22.5
CS-5	7/8/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	21.8
CS-6	7/8/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	14.5
CS-7	7/8/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	35.3
CS-8	7/8/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	27.7
SW-1	7/8/2022	4.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	137
SW-2	7/8/2022	4.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	141
SW-3	7/8/2022	4.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	177
SW-4	7/8/2022	4.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	128
SW-5	7/8/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	134
SW-6	7/8/2022	2.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	14.5
SW-7	7/8/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	15.2
SW-8	7/8/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	22.0
SW-9	7/8/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	26.4
SW-10	7/8/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5.73
SW-11	7/8/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.28
SW-12	7/8/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.7
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources

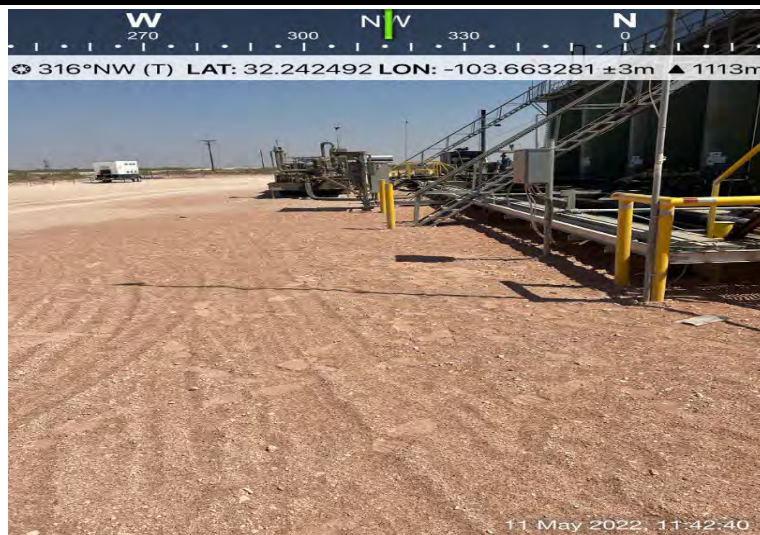
Photograph No. 1

Facility: Pegasus 3 Fed Com CTB

County: Lea County, New Mexico

Description:

View Northwest of impacted area.



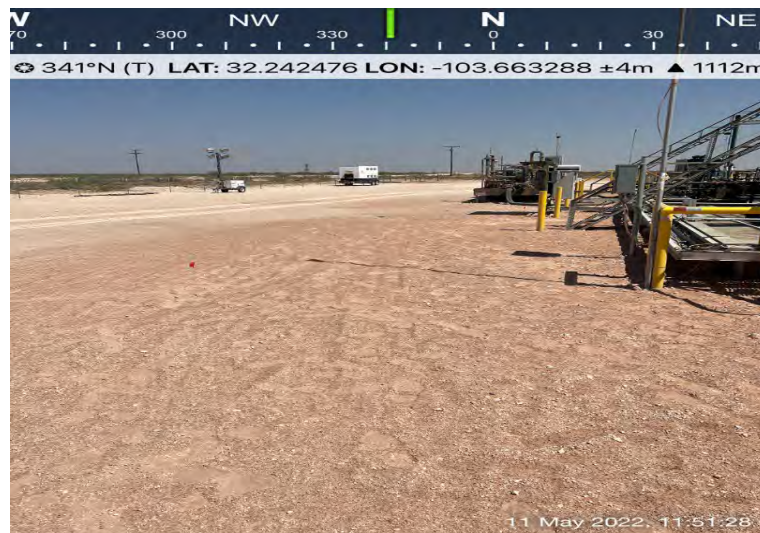
Photograph No. 2

Facility: Pegasus 3 Fed Com CTB

County: Lea County, New Mexico

Description:

View North of impacted area.



Photograph No. 3

Facility: Pegasus 3 Fed Com CTB

County: Lea County, New Mexico

Description:

View South of test trenches.



PHOTOGRAPHIC LOG

EOG Resources

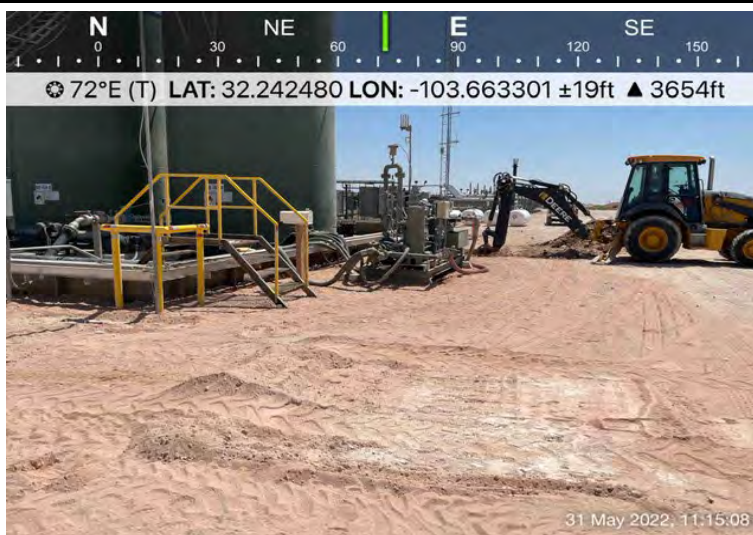
Photograph No. 4

Facility: Pegasus 3 Fed Com CTB

County: Lea County, New Mexico

Description:

View East of test trench.



Photograph No. 5

Facility: Pegasus 3 Fed Com CTB

County: Lea County, New Mexico

Description:

View South of Confirmation Samples (CS-1 through CS-4).



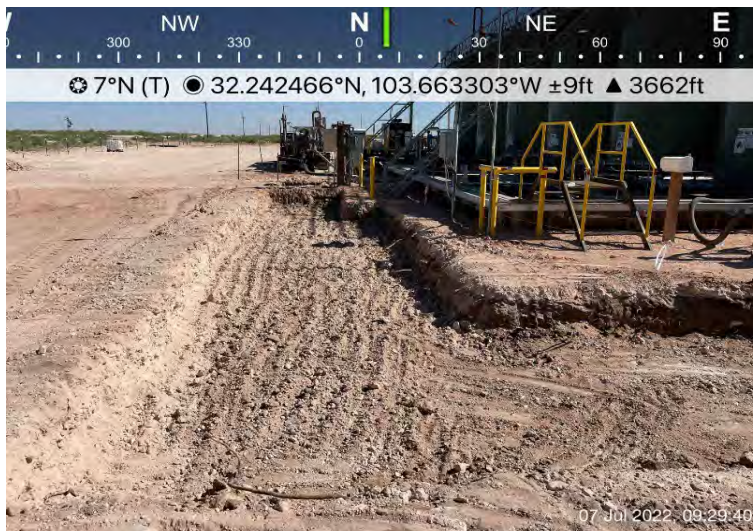
Photograph No. 6

Facility: Pegasus 3 Fed Com CTB

County: Lea County, New Mexico

Description:

View North of Confirmation Samples (CS-1 through CS-5).



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 7

Facility: Pegasus 3 Fed Com CTB

County: Lea County, New Mexico

Description:

View North of Confirmation Samples (CS-5 through CS-8).



Photograph No. 8

Facility: Pegasus 3 Fed Com CTB

County: Lea County, New Mexico

Description:

View Northeast of backfilled area.



Photograph No. 9

Facility: Pegasus 3 Fed Com CTB

County: Lea County, New Mexico

Description:

View Northeast of backfilled area.



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2212534201
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # (assigned by OCD) nAPP2212534201
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.242706° Longitude -103.663279°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Peagus 3 Fed Com CTB	Site Type CTB
Date Release Discovered 4/20/22	API# (if applicable)

Unit Letter	Section	Township	Range	County
N	3	24S	32E	Lea

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

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls) 35	Volume Recovered (bbls) 22
☒ Produced Water	Volume Released (bbls) 4	Volume Recovered (bbls) 3
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The generator technician shut off the generators, which shut off the transfer pumps, which caused the tanks to overflow. This released approximately 39 bbls of crude oil and produced water in containment and some on the pad with 25 bbls recovered.

Incident ID	NAPP2212534201
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? More than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? E-mail notification to the OCD Enviro Inbox on 4/20/22.	

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. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Printed Name: <u>Todd Wells</u> Title: <u>Environmental Specialist</u> Signature: <u>Todd Wells</u> Date: <u>5/5/22</u> email: <u>Todd_Wells@eogresources.com</u> Telephone: <u>(432) 686-3613</u>
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>05/05/2022</u>

Incident ID	
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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ 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)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ 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?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ 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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
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: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
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: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Jennifer Nobui Date: 07/19/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

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 104412

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 104412
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	5/5/2022

From: [Mike Carmona](#)
To: OCD.Enviro@state.nm.us
Cc: [Todd Wells](#); [Ashton Thielke](#)
Subject: EOG Pegasus 3 FC CTB Sampling Notification
Date: Wednesday, July 6, 2022 9:00:01 AM
Attachments: [EB968578EA454B0AAB27ACCD7211A8C9.png](#)

Good Morning,

On behalf of EOG, Carmona Resources will be collecting confirmation samples at the below-referenced site for the at-risk remediation on 07/08/22 around 8:00 a.m. Mountain Time. Please let me know if you have any questions.

EOG Pegasus 3 FC CTB
Sec 03 T24S R32E Unit N
32.242706°, -103.663279°
Lea County, New Mexico

Mike J. Carmona
310 West Wall Street, Suite 415
Midland TX, 79701
M: 432-813-1992
Mcarmona@carmonaresources.com



APPENDIX D

CARMONA RESOURCES



Nearest water wells

EOG RESOURCES

Legend

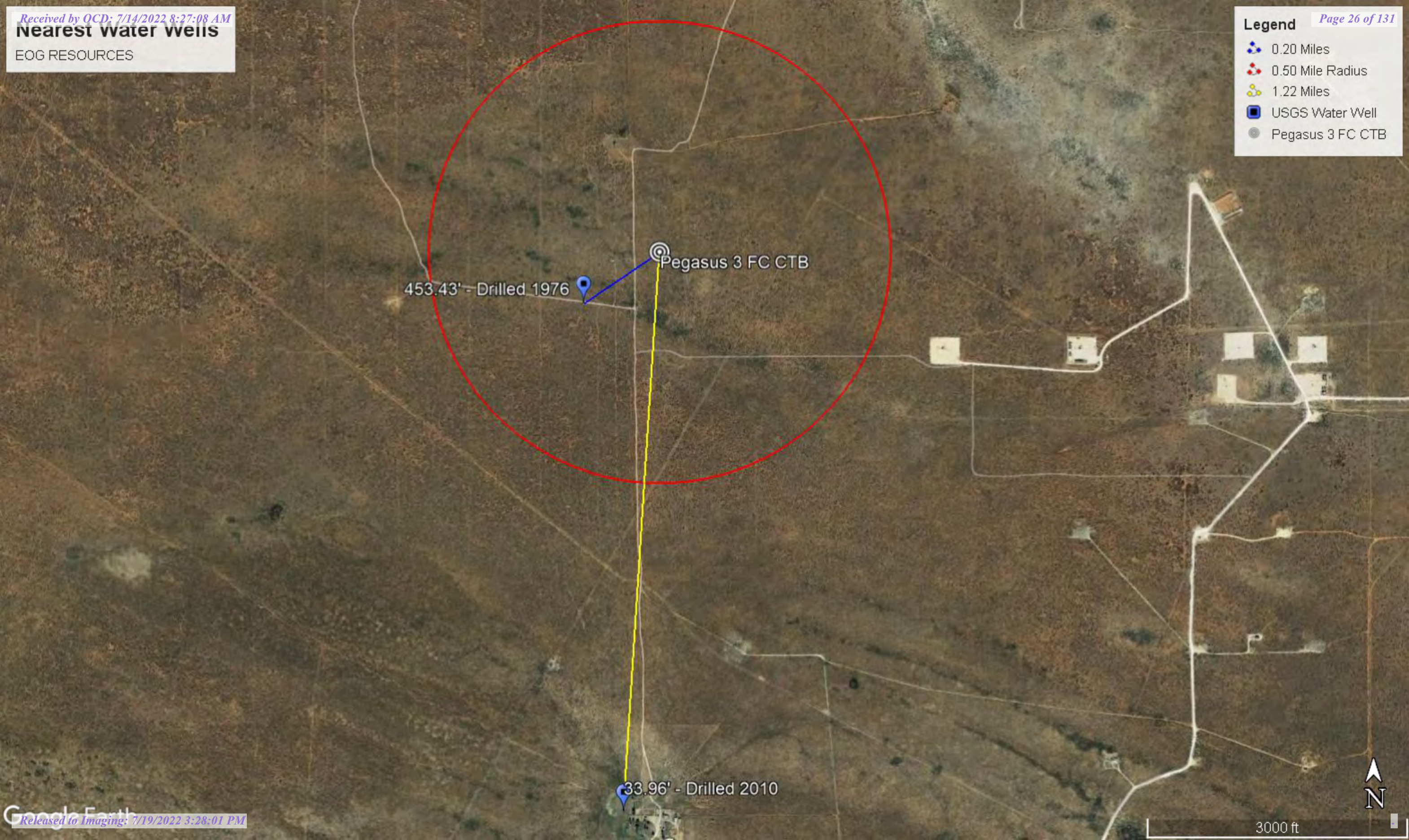
 0.20 Miles

 0.50 Mile Radius

 1.22 Miles

 USGS Water Well

 Pegasus 3 FC CTB

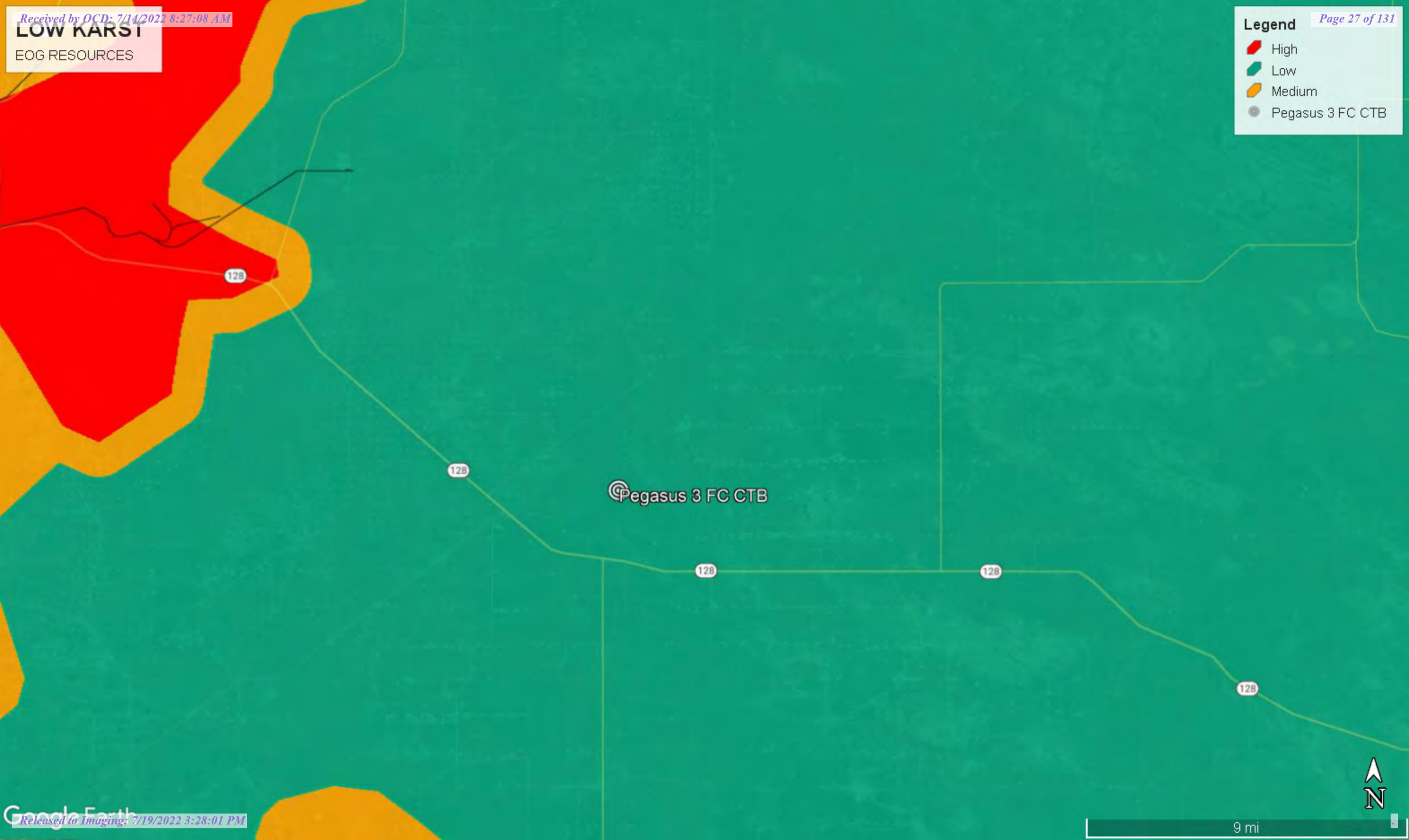


LOW KARST

EOG RESOURCES

Legend

- High
- Low
- Medium
- Pegasus 3 FC CTB





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 01932	C	ED		3	1	12	24S	32E		628633	3567188*	492		
C 02350	CUB	ED		4	3	10	24S	32E		625826	3566333*	60		
C 03527 POD1	C	LE		1	2	3	03	24S	32E	625770	3568487	500		
C 03528 POD1	C	LE		1	1	2	15	24S	32E	626040	3566129	541		
C 03530 POD1	C	LE		3	4	3	07	24S	32E	620886	3566156	550		
C 03555 POD1	C	LE		2	2	1	05	24S	32E	622748	3569233	600	380	220
C 04536 POD1	C	LE		1	2	2	33	24S	32E	625019	3561244	500	314	186

Average Depth to Water: **347 feet**

Minimum Depth: **314 feet**

Maximum Depth: **380 feet**

Record Count: 7

PLSS Search:

Township: 24S

Range: 32E

*UTM location was derived from PLSS - see Help

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.

5/8/22 1:01 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321312103395601

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321312103395601 24S.32E.10.344333

Lea County, New Mexico

Latitude 32°13'30.4", Longitude 103°39'52.7" NAD83

Land-surface elevation 3,589.00 feet above NGVD29

The depth of the well is 60 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1950-04-13			D 62610		3555.36	NGVD29	1		Z	
1950-04-13			D 62611		3557.09	NAVD88	1		Z	
1950-04-13			D 72019	33.64			1		Z	
1955-06-03			D 62610		3557.10	NGVD29	P		Z	
1955-06-03			D 62611		3558.83	NAVD88	P		Z	
1955-06-03			D 72019	31.90			P		Z	
1976-01-22			D 62610		3557.20	NGVD29	1		Z	
1976-01-22			D 62611		3558.93	NAVD88	1		Z	
1976-01-22			D 72019	31.80			1		Z	
1981-03-20			D 62610		3569.07	NGVD29	1		Z	
1981-03-20			D 62611		3570.80	NAVD88	1		Z	
1981-03-20			D 72019	19.93			1		Z	
1986-03-18			D 62610		3551.84	NGVD29	1		Z	
1986-03-18			D 62611		3553.57	NAVD88	1		Z	
1986-03-18			D 72019	37.16			1		Z	
1991-05-29			D 62610		3549.36	NGVD29	1		Z	
1991-05-29			D 62611		3551.09	NAVD88	1		Z	
1991-05-29			D 72019	39.64			1		Z	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1996-03-14			D	62610	3550.80	NGVD29	1	S		
1996-03-14			D	62611	3552.53	NAVD88	1	S		
1996-03-14			D	72019	38.20		1	S		
2001-02-27			D	62610	3552.42	NGVD29	1	S		
2001-02-27			D	62611	3554.15	NAVD88	1	S		
2001-02-27			D	72019	36.58		1	S		
2006-02-07	16:30 UTC		m	62610	3569.60	NGVD29	1	S	USGS	
2006-02-07	16:30 UTC		m	62611	3571.33	NAVD88	1	S	USGS	
2006-02-07	16:30 UTC		m	72019	19.40		1	S	USGS	
2010-12-16	22:30 UTC		m	62610	3555.04	NGVD29	1	S	USGS	
2010-12-16	22:30 UTC		m	62611	3556.77	NAVD88	1	S	USGS	
2010-12-16	22:30 UTC		m	72019	33.96		1	S	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2022-05-08 15:04:20 EDT

0.29 0.25 nadww02



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Data Category:
Groundwater

Geographic Area:
New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321428103395801

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 321428103395801 24S.32E.03.32124

Lea County, New Mexico
Latitude 32°14'28", Longitude 103°39'58" NAD27
Land-surface elevation 3,653 feet above NAVD88
The depth of the well is 550 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1976-01-22			D	62610	3196.84	NGVD29	1		Z	
1976-01-22			D	62611	3198.57	NAVD88	1		Z	
1976-01-22			D	72019	454.43		1		Z	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined

Section	Code	Description
Water-level approval status	A	Approved for publication -- Processing and review completed.

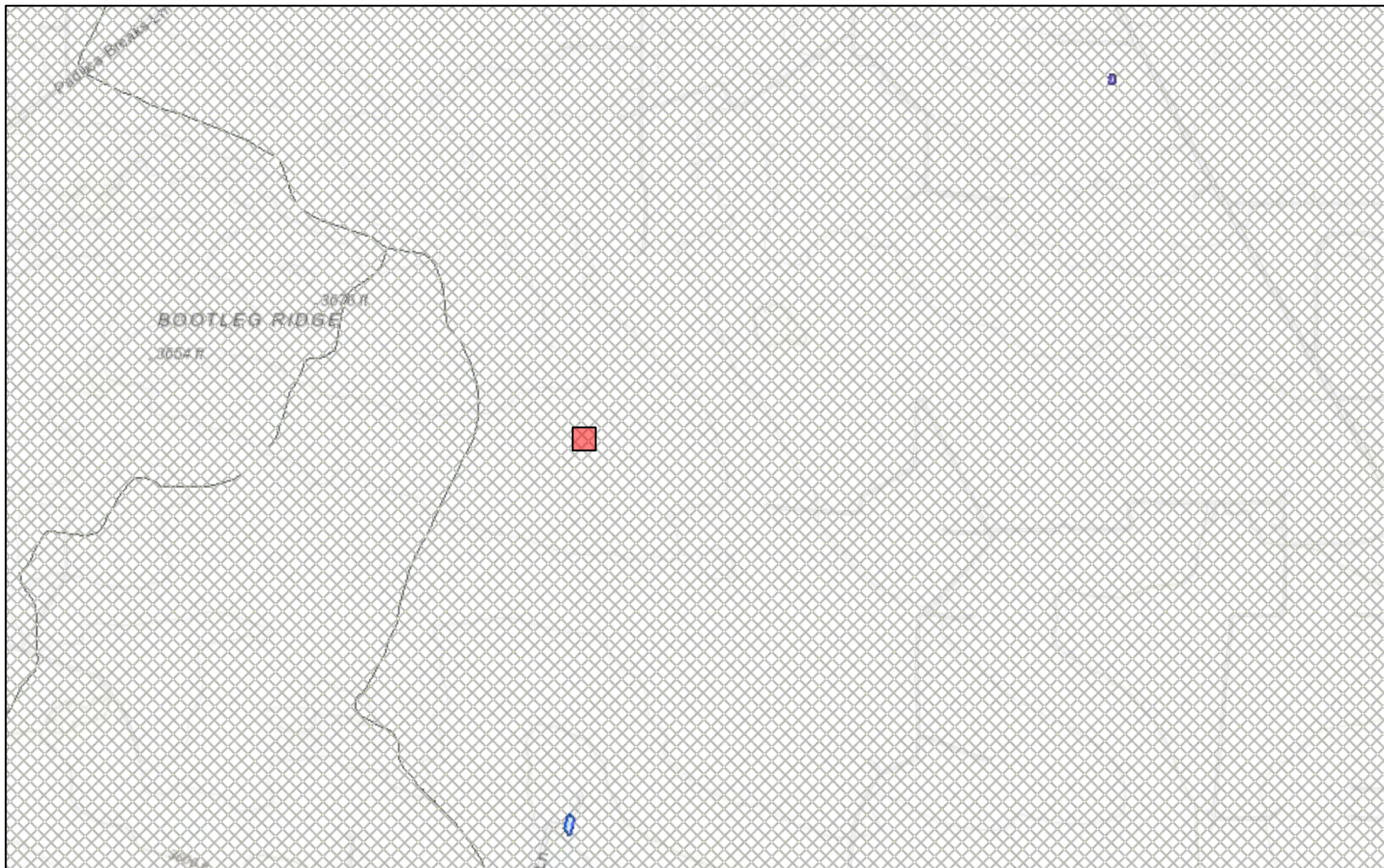
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Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

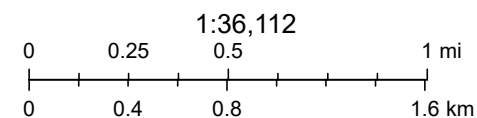


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Page Last Modified: 2022-05-08 15:05:44 EDT
0.28 0.25 nadww02

New Mexico NFHL Data



May 8, 2022



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

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APPENDIX E

CARMONA RESOURCES





Environment Testing
America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-15356-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Pegasus 3 FC CTB

For:

Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Attn: Conner Moehring

Authorized for release by:

6/3/2022 3:07:50 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Laboratory Job ID: 880-15356-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Job ID: 880-15356-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-15356-1****Receipt**

The samples were received on 6/1/2022 10:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.2°C

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-26466 and analytical batch 880-26613 was outside control limits. Sample non-homogeneity is suspected.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-26632/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: T-1 (0-1') (880-15356-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: T-1 (1') (880-15356-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: T-2 (3') (880-15356-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: T-3 (4') (880-15356-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: H-5 (0-6") (880-15356-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-15356-1

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 14:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 14:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 14:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/01/22 10:25	06/01/22 14:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 14:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/01/22 10:25	06/01/22 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/01/22 10:25	06/01/22 14:32	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/01/22 10:25	06/01/22 14:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/01/22 21:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/01/22 21:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/01/22 21:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	06/01/22 11:00	06/01/22 21:22	1
o-Terphenyl	131	S1+	70 - 130	06/01/22 11:00	06/01/22 21:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	243		5.00		mg/Kg			06/02/22 10:13	1

Client Sample ID: T-1 (1')

Lab Sample ID: 880-15356-2

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/01/22 16:19	06/02/22 02:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/01/22 16:19	06/02/22 02:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/01/22 16:19	06/02/22 02:30	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/01/22 16:19	06/02/22 02:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/01/22 16:19	06/02/22 02:30	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/01/22 16:19	06/02/22 02:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/01/22 16:19	06/02/22 02:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/01/22 16:19	06/02/22 02:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-1 (1')

Lab Sample ID: 880-15356-2

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/01/22 22:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/01/22 22:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/01/22 22:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				06/01/22 11:00	06/01/22 22:27	1
o-Terphenyl	133	S1+	70 - 130				06/01/22 11:00	06/01/22 22:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	217		4.98		mg/Kg			06/02/22 10:36	1

Client Sample ID: T-1 (2')

Lab Sample ID: 880-15356-3

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/01/22 16:19	06/02/22 02:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/01/22 16:19	06/02/22 02:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/01/22 16:19	06/02/22 02:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/01/22 16:19	06/02/22 02:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/01/22 16:19	06/02/22 02:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/01/22 16:19	06/02/22 02:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				06/01/22 16:19	06/02/22 02:50	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/01/22 16:19	06/02/22 02:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/01/22 22:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/01/22 22:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-1 (2')

Lab Sample ID: 880-15356-3

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/01/22 22:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				06/01/22 11:00	06/01/22 22:49	1
o-Terphenyl	121		70 - 130				06/01/22 11:00	06/01/22 22:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.7		4.95		mg/Kg			06/02/22 10:44	1

Client Sample ID: T-1 (3')

Lab Sample ID: 880-15356-4

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 03:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 03:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 03:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/01/22 16:19	06/02/22 03:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 03:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/01/22 16:19	06/02/22 03:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/01/22 16:19	06/02/22 03:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/01/22 16:19	06/02/22 03:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/01/22 23:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/01/22 23:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/01/22 23:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				06/01/22 11:00	06/01/22 23:11	1
o-Terphenyl	111		70 - 130				06/01/22 11:00	06/01/22 23:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.3		5.04		mg/Kg			06/02/22 10:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-1 (4')

Lab Sample ID: 880-15356-5

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 03:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 03:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 03:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/22 16:19	06/02/22 03:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 03:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/22 16:19	06/02/22 03:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/01/22 16:19	06/02/22 03:31	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/01/22 16:19	06/02/22 03:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	135		49.9		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/01/22 23:32	1
Diesel Range Organics (Over C10-C28)	135		49.9		mg/Kg		06/01/22 11:00	06/01/22 23:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/01/22 23:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	06/01/22 11:00	06/01/22 23:32	1
o-Terphenyl	106		70 - 130	06/01/22 11:00	06/01/22 23:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.98		mg/Kg			06/02/22 11:00	1

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-15356-6

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/01/22 16:19	06/02/22 03:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/01/22 16:19	06/02/22 03:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/01/22 16:19	06/02/22 03:51	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/01/22 16:19	06/02/22 03:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/01/22 16:19	06/02/22 03:51	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/01/22 16:19	06/02/22 03:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/01/22 16:19	06/02/22 03:51	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/01/22 16:19	06/02/22 03:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-15356-6

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	898		50.0		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/01/22 23:54	1
Diesel Range Organics (Over C10-C28)	898		50.0		mg/Kg		06/01/22 11:00	06/01/22 23:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/01/22 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				06/01/22 11:00	06/01/22 23:54	1
o-Terphenyl	120		70 - 130				06/01/22 11:00	06/01/22 23:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	384		5.00		mg/Kg			06/02/22 11:24	1

Client Sample ID: T-2 (1')

Lab Sample ID: 880-15356-7

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/01/22 16:19	06/02/22 04:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/01/22 16:19	06/02/22 04:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/01/22 16:19	06/02/22 04:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/01/22 16:19	06/02/22 04:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/01/22 16:19	06/02/22 04:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/01/22 16:19	06/02/22 04:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				06/01/22 16:19	06/02/22 04:12	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/01/22 16:19	06/02/22 04:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	796		50.0		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 00:14	1
Diesel Range Organics (Over C10-C28)	796		50.0		mg/Kg		06/01/22 11:00	06/02/22 00:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-2 (1')

Lab Sample ID: 880-15356-7

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 00:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				06/01/22 11:00	06/02/22 00:14	1
o-Terphenyl	118		70 - 130				06/01/22 11:00	06/02/22 00:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	440		5.00		mg/Kg			06/02/22 11:31	1

Client Sample ID: T-2 (2')

Lab Sample ID: 880-15356-8

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 04:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 04:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 04:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/01/22 16:19	06/02/22 04:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 04:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/01/22 16:19	06/02/22 04:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/01/22 16:19	06/02/22 04:32	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/01/22 16:19	06/02/22 04:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 00:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 00:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 00:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				06/01/22 11:00	06/02/22 00:36	1
o-Terphenyl	113		70 - 130				06/01/22 11:00	06/02/22 00:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.2		4.95		mg/Kg			06/02/22 11:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-2 (3')

Lab Sample ID: 880-15356-9

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/01/22 16:19	06/02/22 04:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/01/22 16:19	06/02/22 04:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/01/22 16:19	06/02/22 04:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/01/22 16:19	06/02/22 04:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/01/22 16:19	06/02/22 04:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/01/22 16:19	06/02/22 04:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/01/22 16:19	06/02/22 04:52	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/01/22 16:19	06/02/22 04:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 00:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 00:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 00:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	06/01/22 11:00	06/02/22 00:57	1
o-Terphenyl	134	S1+	70 - 130	06/01/22 11:00	06/02/22 00:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.4		5.05		mg/Kg			06/02/22 11:47	1

Client Sample ID: T-2 (4')

Lab Sample ID: 880-15356-10

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 05:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 05:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 05:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/01/22 16:19	06/02/22 05:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/22 16:19	06/02/22 05:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/01/22 16:19	06/02/22 05:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/01/22 16:19	06/02/22 05:13	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/01/22 16:19	06/02/22 05:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-2 (4')

Lab Sample ID: 880-15356-10

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/02/22 01:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/02/22 01:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/02/22 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				06/01/22 11:00	06/02/22 01:18	1
o-Terphenyl	129		70 - 130				06/01/22 11:00	06/02/22 01:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		4.97		mg/Kg			06/02/22 11:55	1

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-15356-11

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0501	U	0.0501		mg/Kg		06/01/22 10:25	06/01/22 22:11	25
Toluene	0.0981		0.0501		mg/Kg		06/01/22 10:25	06/01/22 22:11	25
Ethylbenzene	0.341		0.0501		mg/Kg		06/01/22 10:25	06/01/22 22:11	25
m-Xylene & p-Xylene	1.95		0.100		mg/Kg		06/01/22 10:25	06/01/22 22:11	25
o-Xylene	0.889		0.0501		mg/Kg		06/01/22 10:25	06/01/22 22:11	25
Xylenes, Total	2.84		0.100		mg/Kg		06/01/22 10:25	06/01/22 22:11	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/01/22 10:25	06/01/22 22:11	25
1,4-Difluorobenzene (Surr)	92		70 - 130				06/01/22 10:25	06/01/22 22:11	25

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	3.28		0.100		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	14500		250		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	469		250		mg/Kg		06/01/22 11:00	06/02/22 02:00	5
Diesel Range Organics (Over C10-C28)	14000		250		mg/Kg		06/01/22 11:00	06/02/22 02:00	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-15356-11

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		06/01/22 11:00	06/02/22 02:00	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				06/01/22 11:00	06/02/22 02:00	5
o-Terphenyl	122		70 - 130				06/01/22 11:00	06/02/22 02:00	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5030		50.0		mg/Kg			06/02/22 12:03	10

Client Sample ID: T-3 (1')

Lab Sample ID: 880-15356-12

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503		mg/Kg		06/01/22 10:25	06/01/22 22:32	25
Toluene	0.0730		0.0503		mg/Kg		06/01/22 10:25	06/01/22 22:32	25
Ethylbenzene	0.286		0.0503		mg/Kg		06/01/22 10:25	06/01/22 22:32	25
m-Xylene & p-Xylene	1.37		0.101		mg/Kg		06/01/22 10:25	06/01/22 22:32	25
o-Xylene	0.577		0.0503		mg/Kg		06/01/22 10:25	06/01/22 22:32	25
Xylenes, Total	1.95		0.101		mg/Kg		06/01/22 10:25	06/01/22 22:32	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/01/22 10:25	06/01/22 22:32	25
1,4-Difluorobenzene (Surr)	90		70 - 130				06/01/22 10:25	06/01/22 22:32	25

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.31		0.101		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	14400		249		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	435		249		mg/Kg		06/01/22 11:00	06/02/22 02:21	5
Diesel Range Organics (Over C10-C28)	14000		249		mg/Kg		06/01/22 11:00	06/02/22 02:21	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		06/01/22 11:00	06/02/22 02:21	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				06/01/22 11:00	06/02/22 02:21	5
o-Terphenyl	122		70 - 130				06/01/22 11:00	06/02/22 02:21	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5850		49.8		mg/Kg			06/02/22 12:27	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-3 (2')

Lab Sample ID: 880-15356-13

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/01/22 10:25	06/01/22 19:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/01/22 10:25	06/01/22 19:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/01/22 10:25	06/01/22 19:28	1
m-Xylene & p-Xylene	0.00746		0.00404		mg/Kg		06/01/22 10:25	06/01/22 19:28	1
o-Xylene	0.00646		0.00202		mg/Kg		06/01/22 10:25	06/01/22 19:28	1
Xylenes, Total	0.0139		0.00404		mg/Kg		06/01/22 10:25	06/01/22 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/01/22 10:25	06/01/22 19:28	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/01/22 10:25	06/01/22 19:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0139		0.00404		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 02:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 02:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 02:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				06/01/22 11:00	06/02/22 02:42	1
o-Terphenyl	113		70 - 130				06/01/22 11:00	06/02/22 02:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.4		5.00		mg/Kg			06/02/22 12:35	1

Client Sample ID: T-3 (3')

Lab Sample ID: 880-15356-14

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/01/22 10:25	06/01/22 19:48	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/01/22 10:25	06/01/22 19:48	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/01/22 10:25	06/01/22 19:48	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/01/22 10:25	06/01/22 19:48	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/01/22 10:25	06/01/22 19:48	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/01/22 10:25	06/01/22 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/01/22 10:25	06/01/22 19:48	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/01/22 10:25	06/01/22 19:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-3 (3')

Lab Sample ID: 880-15356-14

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 03:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 03:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 03:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				06/01/22 11:00	06/02/22 03:03	1
o-Terphenyl	112		70 - 130				06/01/22 11:00	06/02/22 03:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.1		4.99		mg/Kg			06/02/22 12:58	1

Client Sample ID: T-3 (4')

Lab Sample ID: 880-15356-15

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/01/22 10:25	06/01/22 20:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/01/22 10:25	06/01/22 20:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/01/22 10:25	06/01/22 20:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/01/22 10:25	06/01/22 20:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/01/22 10:25	06/01/22 20:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/01/22 10:25	06/01/22 20:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/01/22 10:25	06/01/22 20:09	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/01/22 10:25	06/01/22 20:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/02/22 03:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/02/22 03:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-3 (4')

Lab Sample ID: 880-15356-15

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/02/22 03:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				06/01/22 11:00	06/02/22 03:24	1
o-Terphenyl	131	S1+	70 - 130				06/01/22 11:00	06/02/22 03:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.2		4.95		mg/Kg			06/02/22 13:06	1

Client Sample ID: H-1 (0-6")

Lab Sample ID: 880-15356-16

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 20:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 20:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 20:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/22 10:25	06/01/22 20:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 20:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/22 10:25	06/01/22 20:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				06/01/22 10:25	06/01/22 20:29	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/01/22 10:25	06/01/22 20:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 03:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 03:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 03:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				06/01/22 11:00	06/02/22 03:45	1
o-Terphenyl	125		70 - 130				06/01/22 11:00	06/02/22 03:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.0		4.95		mg/Kg			06/02/22 13:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-15356-17

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/01/22 10:25	06/01/22 20:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/01/22 10:25	06/01/22 20:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/01/22 10:25	06/01/22 20:50	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/01/22 10:25	06/01/22 20:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/01/22 10:25	06/01/22 20:50	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/01/22 10:25	06/01/22 20:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/01/22 10:25	06/01/22 20:50	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/01/22 10:25	06/01/22 20:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 04:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 04:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 04:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	06/01/22 11:00	06/02/22 04:06	1
o-Terphenyl	110		70 - 130	06/01/22 11:00	06/02/22 04:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.98		4.97		mg/Kg			06/02/22 13:22	1

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-15356-18

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/01/22 10:25	06/01/22 21:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/01/22 10:25	06/01/22 21:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/01/22 10:25	06/01/22 21:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/01/22 10:25	06/01/22 21:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/01/22 10:25	06/01/22 21:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/01/22 10:25	06/01/22 21:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/01/22 10:25	06/01/22 21:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/01/22 10:25	06/01/22 21:10	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-15356-18

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 04:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 04:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/02/22 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				06/01/22 11:00	06/02/22 04:27	1
o-Terphenyl	121		70 - 130				06/01/22 11:00	06/02/22 04:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.9		4.96		mg/Kg			06/02/22 13:30	1

Client Sample ID: H-4 (0-6")

Lab Sample ID: 880-15356-19

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 21:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 21:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 21:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/01/22 10:25	06/01/22 21:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 21:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/01/22 10:25	06/01/22 21:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/01/22 10:25	06/01/22 21:30	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/01/22 10:25	06/01/22 21:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/02/22 04:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/02/22 04:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: H-4 (0-6")

Lab Sample ID: 880-15356-19

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/01/22 11:00	06/02/22 04:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				06/01/22 11:00	06/02/22 04:48	1
o-Terphenyl	107		70 - 130				06/01/22 11:00	06/02/22 04:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.5		5.01		mg/Kg			06/02/22 13:38	1

Client Sample ID: H-5 (0-6")

Lab Sample ID: 880-15356-20

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/01/22 10:25	06/01/22 21:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/01/22 10:25	06/01/22 21:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/01/22 10:25	06/01/22 21:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/01/22 10:25	06/01/22 21:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/01/22 10:25	06/01/22 21:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/01/22 10:25	06/01/22 21:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/01/22 10:25	06/01/22 21:51	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/01/22 10:25	06/01/22 21:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/01/22 11:00	06/02/22 05:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/01/22 11:00	06/02/22 05:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/01/22 11:00	06/02/22 05:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				06/01/22 11:00	06/02/22 05:09	1
o-Terphenyl	141	S1+	70 - 130				06/01/22 11:00	06/02/22 05:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.7		5.05		mg/Kg			06/02/22 13:46	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: H-6 (0-6")

Lab Sample ID: 880-15356-21

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/01/22 16:19	06/02/22 07:03	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/01/22 16:19	06/02/22 07:03	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/01/22 16:19	06/02/22 07:03	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/01/22 16:19	06/02/22 07:03	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/01/22 16:19	06/02/22 07:03	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/01/22 16:19	06/02/22 07:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/01/22 16:19	06/02/22 07:03	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/01/22 16:19	06/02/22 07:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/01/22 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/02/22 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/01/22 18:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/01/22 18:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/22 11:00	06/01/22 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	06/01/22 11:00	06/01/22 18:11	1
o-Terphenyl	96		70 - 130	06/01/22 11:00	06/01/22 18:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.6		4.96		mg/Kg			06/02/22 20:40	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-15356-1	T-1 (0-1')	108	101
880-15356-1 MS	T-1 (0-1')	106	102
880-15356-1 MSD	T-1 (0-1')	102	102
880-15356-2	T-1 (1')	115	96
880-15356-3	T-1 (2')	114	98
880-15356-4	T-1 (3')	109	93
880-15356-5	T-1 (4')	109	91
880-15356-6	T-2 (0-1')	110	93
880-15356-7	T-2 (1')	116	99
880-15356-8	T-2 (2')	112	98
880-15356-9	T-2 (3')	107	95
880-15356-10	T-2 (4')	109	95
880-15356-11	T-3 (0-1')	109	92
880-15356-12	T-3 (1')	105	90
880-15356-13	T-3 (2')	113	95
880-15356-14	T-3 (3')	107	99
880-15356-15	T-3 (4')	107	100
880-15356-16	H-1 (0-6")	113	100
880-15356-17	H-2 (0-6")	107	97
880-15356-18	H-3 (0-6")	105	99
880-15356-19	H-4 (0-6")	109	99
880-15356-20	H-5 (0-6")	109	100
880-15356-21	H-6 (0-6")	114	99
LCS 880-26594/1-A	Lab Control Sample	99	98
LCS 880-26634/1-A	Lab Control Sample	102	98
LCSD 880-26594/2-A	Lab Control Sample Dup	106	99
LCSD 880-26634/2-A	Lab Control Sample Dup	104	102
MB 880-26594/5-A	Method Blank	97	96
MB 880-26634/5-A	Method Blank	99	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-15264-A-21-E MS	Matrix Spike	85	79
880-15264-A-21-F MSD	Matrix Spike Duplicate	92	87
880-15356-1	T-1 (0-1')	119	131 S1+
880-15356-1 MS	T-1 (0-1')	105	107
880-15356-1 MSD	T-1 (0-1')	106	100
880-15356-2	T-1 (1')	127	133 S1+
880-15356-3	T-1 (2')	111	121
880-15356-4	T-1 (3')	105	111
880-15356-5	T-1 (4')	98	106
880-15356-6	T-2 (0-1')	111	120

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Surrogate Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-15356-7	T-2 (1')	112	118
880-15356-8	T-2 (2')	106	113
880-15356-9	T-2 (3')	122	134 S1+
880-15356-10	T-2 (4')	117	129
880-15356-11	T-3 (0-1')	120	122
880-15356-12	T-3 (1')	124	122
880-15356-13	T-3 (2')	100	113
880-15356-14	T-3 (3')	110	112
880-15356-15	T-3 (4')	117	131 S1+
880-15356-16	H-1 (0-6")	120	125
880-15356-17	H-2 (0-6")	102	110
880-15356-18	H-3 (0-6")	119	121
880-15356-19	H-4 (0-6")	97	107
880-15356-20	H-5 (0-6")	127	141 S1+
880-15356-21	H-6 (0-6")	92	96
LCS 880-26466/2-A	Lab Control Sample	96	93
LCS 880-26632/2-A	Lab Control Sample	106	108
LCSD 880-26466/3-A	Lab Control Sample Dup	97	97
LCSD 880-26632/3-A	Lab Control Sample Dup	103	106
MB 880-26466/1-A	Method Blank	95	107
MB 880-26632/1-A	Method Blank	123	136 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-26594/5-A

Matrix: Solid

Analysis Batch: 26643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26594

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/31/22 16:19	06/02/22 01:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/31/22 16:19	06/02/22 01:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/31/22 16:19	06/02/22 01:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/31/22 16:19	06/02/22 01:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/31/22 16:19	06/02/22 01:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/31/22 16:19	06/02/22 01:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	05/31/22 16:19	06/02/22 01:41	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/31/22 16:19	06/02/22 01:41	1

Lab Sample ID: LCS 880-26594/1-A

Matrix: Solid

Analysis Batch: 26643

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26594

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08799		mg/Kg		88	70 - 130
Toluene	0.100	0.09392		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.08626		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1953		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09675		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-26594/2-A

Matrix: Solid

Analysis Batch: 26643

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26594

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09569		mg/Kg		96	70 - 130	8	35
Toluene	0.100	0.1025		mg/Kg		102	70 - 130	9	35
Ethylbenzene	0.100	0.09549		mg/Kg		95	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2175		mg/Kg		109	70 - 130	11	35
o-Xylene	0.100	0.1071		mg/Kg		107	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-26634/5-A

Matrix: Solid

Analysis Batch: 26643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26634

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 14:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 14:03	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-26634/5-A

Matrix: Solid

Analysis Batch: 26643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26634

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 14:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/01/22 10:25	06/01/22 14:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/01/22 10:25	06/01/22 14:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/01/22 10:25	06/01/22 14:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/01/22 10:25	06/01/22 14:03	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/01/22 10:25	06/01/22 14:03	1

Lab Sample ID: LCS 880-26634/1-A

Matrix: Solid

Analysis Batch: 26643

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26634

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08622		mg/Kg		86	70 - 130
Toluene	0.100	0.09650		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09091		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.2091		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1020		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-26634/2-A

Matrix: Solid

Analysis Batch: 26643

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26634

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09398		mg/Kg		94	70 - 130	9	35
Toluene	0.100	0.1000		mg/Kg		100	70 - 130	4	35
Ethylbenzene	0.100	0.09347		mg/Kg		93	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2137		mg/Kg		107	70 - 130	2	35
o-Xylene	0.100	0.1052		mg/Kg		105	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-15356-1 MS

Matrix: Solid

Analysis Batch: 26643

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 26634

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.07531		mg/Kg		75	70 - 130
Toluene	<0.00200	U	0.0998	0.08112		mg/Kg		81	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.07582		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1744		mg/Kg		87	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-15356-1 MS

Matrix: Solid

Analysis Batch: 26643

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 26634

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	<0.00200	U	0.0998	0.08558		mg/Kg		86	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	106		70 - 130						
1,4-Difluorobenzene (Surr)	102		70 - 130						

Lab Sample ID: 880-15356-1 MSD

Matrix: Solid

Analysis Batch: 26643

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 26634

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.08142		mg/Kg		82	70 - 130	8	35
Toluene	<0.00200	U	0.0996	0.08423		mg/Kg		85	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.0996	0.07714		mg/Kg		77	70 - 130	2	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1758		mg/Kg		88	70 - 130	1	35
o-Xylene	<0.00200	U	0.0996	0.08720		mg/Kg		88	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		70 - 130								
1,4-Difluorobenzene (Surr)	102		70 - 130								

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

Lab Sample ID: MB 880-26466/1-A

Matrix: Solid

Analysis Batch: 26613

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 10:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 10:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/27/22 15:22	06/01/22 10:43	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	95		70 - 130						
o-Terphenyl	107		70 - 130						

Lab Sample ID: LCS 880-26466/2-A

Matrix: Solid

Analysis Batch: 26613

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	750.0		mg/Kg		75	70 - 130
Diesel Range Organics (Over C10-C28)	1000	929.0		mg/Kg		93	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-26466/2-A

Matrix: Solid

Analysis Batch: 26613

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26466

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: LCSD 880-26466/3-A

Matrix: Solid

Analysis Batch: 26613

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26466

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	751.0		mg/Kg		75	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	963.7		mg/Kg		96	70 - 130	4	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	97		70 - 130

Lab Sample ID: 880-15264-A-21-E MS

Matrix: Solid

Analysis Batch: 26613

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 26466

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	1000	710.4		mg/Kg		71	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	858.5		mg/Kg		86	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: 880-15264-A-21-F MSD

Matrix: Solid

Analysis Batch: 26613

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 26466

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	999	873.3	F2	mg/Kg		87	70 - 130	21	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	958.0		mg/Kg		96	70 - 130	11	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	87		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-26632/1-A

Matrix: Solid

Analysis Batch: 26615

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26632

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/01/22 09:20	06/01/22 20:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/01/22 09:20	06/01/22 20:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/01/22 09:20	06/01/22 20:17	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				06/01/22 09:20	06/01/22 20:17	1
o-Terphenyl	136	S1+	70 - 130				06/01/22 09:20	06/01/22 20:17	1

Lab Sample ID: LCS 880-26632/2-A

Matrix: Solid

Analysis Batch: 26615

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26632

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	871.0		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	921.1		mg/Kg		92	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	106		70 - 130				
o-Terphenyl	108		70 - 130				

Lab Sample ID: LCSD 880-26632/3-A

Matrix: Solid

Analysis Batch: 26615

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26632

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	858.1		mg/Kg		86	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	904.5		mg/Kg		90	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	103		70 - 130						
o-Terphenyl	106		70 - 130						

Lab Sample ID: 880-15356-1 MS

Matrix: Solid

Analysis Batch: 26615

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 26632

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1048		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1099		mg/Kg		110	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-15356-1 MS

Matrix: Solid

Analysis Batch: 26615

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 26632

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: 880-15356-1 MSD

Matrix: Solid

Analysis Batch: 26615

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 26632

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1091		mg/Kg		109	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1068		mg/Kg		107	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	100		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-26642/1-A

Matrix: Solid

Analysis Batch: 26663

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			06/02/22 09:49	1	

Lab Sample ID: LCS 880-26642/2-A

Matrix: Solid

Analysis Batch: 26663

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	255.7		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-26642/3-A

Matrix: Solid

Analysis Batch: 26663

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	256.9		mg/Kg		103	90 - 110	0	20	

Lab Sample ID: 880-15356-1 MS

Matrix: Solid

Analysis Batch: 26663

Client Sample ID: T-1 (0-1')

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	243		250	483.3		mg/Kg		96	90 - 110	

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-15356-1 MSD

Matrix: Solid

Analysis Batch: 26663

Client Sample ID: T-1 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	243		250	484.2		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-15356-11 MS

Matrix: Solid

Analysis Batch: 26663

Client Sample ID: T-3 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5030		2500	7529		mg/Kg		100	90 - 110		

Lab Sample ID: 880-15356-11 MSD

Matrix: Solid

Analysis Batch: 26663

Client Sample ID: T-3 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5030		2500	7524		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-26644/1-A

Matrix: Solid

Analysis Batch: 26760

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/02/22 20:16	1

Lab Sample ID: LCS 880-26644/2-A

Matrix: Solid

Analysis Batch: 26760

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	241.4		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-26644/3-A

Matrix: Solid

Analysis Batch: 26760

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	243.4		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 880-15356-21 MS

Matrix: Solid

Analysis Batch: 26760

Client Sample ID: H-6 (0-6")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	13.6		248	251.4		mg/Kg		96	90 - 110		

Lab Sample ID: 880-15356-21 MSD

Matrix: Solid

Analysis Batch: 26760

Client Sample ID: H-6 (0-6")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13.6		248	252.2		mg/Kg		96	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 26594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-2	T-1 (1')	Total/NA	Solid	5035	
880-15356-3	T-1 (2')	Total/NA	Solid	5035	
880-15356-4	T-1 (3')	Total/NA	Solid	5035	
880-15356-5	T-1 (4')	Total/NA	Solid	5035	
880-15356-6	T-2 (0-1')	Total/NA	Solid	5035	
880-15356-7	T-2 (1')	Total/NA	Solid	5035	
880-15356-8	T-2 (2')	Total/NA	Solid	5035	
880-15356-9	T-2 (3')	Total/NA	Solid	5035	
880-15356-10	T-2 (4')	Total/NA	Solid	5035	
880-15356-21	H-6 (0-6")	Total/NA	Solid	5035	
MB 880-26594/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-26594/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-26594/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 26634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-1	T-1 (0-1')	Total/NA	Solid	5035	
880-15356-11	T-3 (0-1')	Total/NA	Solid	5035	
880-15356-12	T-3 (1')	Total/NA	Solid	5035	
880-15356-13	T-3 (2')	Total/NA	Solid	5035	
880-15356-14	T-3 (3')	Total/NA	Solid	5035	
880-15356-15	T-3 (4')	Total/NA	Solid	5035	
880-15356-16	H-1 (0-6")	Total/NA	Solid	5035	
880-15356-17	H-2 (0-6")	Total/NA	Solid	5035	
880-15356-18	H-3 (0-6")	Total/NA	Solid	5035	
880-15356-19	H-4 (0-6")	Total/NA	Solid	5035	
880-15356-20	H-5 (0-6")	Total/NA	Solid	5035	
MB 880-26634/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-26634/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-26634/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15356-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-15356-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 26643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-1	T-1 (0-1')	Total/NA	Solid	8021B	26634
880-15356-2	T-1 (1')	Total/NA	Solid	8021B	26594
880-15356-3	T-1 (2')	Total/NA	Solid	8021B	26594
880-15356-4	T-1 (3')	Total/NA	Solid	8021B	26594
880-15356-5	T-1 (4')	Total/NA	Solid	8021B	26594
880-15356-6	T-2 (0-1')	Total/NA	Solid	8021B	26594
880-15356-7	T-2 (1')	Total/NA	Solid	8021B	26594
880-15356-8	T-2 (2')	Total/NA	Solid	8021B	26594
880-15356-9	T-2 (3')	Total/NA	Solid	8021B	26594
880-15356-10	T-2 (4')	Total/NA	Solid	8021B	26594
880-15356-11	T-3 (0-1')	Total/NA	Solid	8021B	26634
880-15356-12	T-3 (1')	Total/NA	Solid	8021B	26634
880-15356-13	T-3 (2')	Total/NA	Solid	8021B	26634
880-15356-14	T-3 (3')	Total/NA	Solid	8021B	26634
880-15356-15	T-3 (4')	Total/NA	Solid	8021B	26634
880-15356-16	H-1 (0-6")	Total/NA	Solid	8021B	26634

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 26643 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-17	H-2 (0-6")	Total/NA	Solid	8021B	26634
880-15356-18	H-3 (0-6")	Total/NA	Solid	8021B	26634
880-15356-19	H-4 (0-6")	Total/NA	Solid	8021B	26634
880-15356-20	H-5 (0-6")	Total/NA	Solid	8021B	26634
880-15356-21	H-6 (0-6")	Total/NA	Solid	8021B	26594
MB 880-26594/5-A	Method Blank	Total/NA	Solid	8021B	26594
MB 880-26634/5-A	Method Blank	Total/NA	Solid	8021B	26634
LCS 880-26594/1-A	Lab Control Sample	Total/NA	Solid	8021B	26594
LCS 880-26634/1-A	Lab Control Sample	Total/NA	Solid	8021B	26634
LCSD 880-26594/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	26594
LCSD 880-26634/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	26634
880-15356-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	26634
880-15356-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	26634

Analysis Batch: 26671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-15356-2	T-1 (1')	Total/NA	Solid	Total BTEX	
880-15356-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-15356-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-15356-5	T-1 (4')	Total/NA	Solid	Total BTEX	
880-15356-6	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-15356-7	T-2 (1')	Total/NA	Solid	Total BTEX	
880-15356-8	T-2 (2')	Total/NA	Solid	Total BTEX	
880-15356-9	T-2 (3')	Total/NA	Solid	Total BTEX	
880-15356-10	T-2 (4')	Total/NA	Solid	Total BTEX	
880-15356-11	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-15356-12	T-3 (1')	Total/NA	Solid	Total BTEX	
880-15356-13	T-3 (2')	Total/NA	Solid	Total BTEX	
880-15356-14	T-3 (3')	Total/NA	Solid	Total BTEX	
880-15356-15	T-3 (4')	Total/NA	Solid	Total BTEX	
880-15356-16	H-1 (0-6")	Total/NA	Solid	Total BTEX	
880-15356-17	H-2 (0-6")	Total/NA	Solid	Total BTEX	
880-15356-18	H-3 (0-6")	Total/NA	Solid	Total BTEX	
880-15356-19	H-4 (0-6")	Total/NA	Solid	Total BTEX	
880-15356-20	H-5 (0-6")	Total/NA	Solid	Total BTEX	
880-15356-21	H-6 (0-6")	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 26466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-21	H-6 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-26466/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-26466/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-26466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15264-A-21-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-15264-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

GC Semi VOA

Analysis Batch: 26613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-21	H-6 (0-6")	Total/NA	Solid	8015B NM	26466
MB 880-26466/1-A	Method Blank	Total/NA	Solid	8015B NM	26466
LCS 880-26466/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	26466
LCSD 880-26466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	26466
880-15264-A-21-E MS	Matrix Spike	Total/NA	Solid	8015B NM	26466
880-15264-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	26466

Analysis Batch: 26615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-1	T-1 (0-1')	Total/NA	Solid	8015B NM	26632
880-15356-2	T-1 (1')	Total/NA	Solid	8015B NM	26632
880-15356-3	T-1 (2')	Total/NA	Solid	8015B NM	26632
880-15356-4	T-1 (3')	Total/NA	Solid	8015B NM	26632
880-15356-5	T-1 (4')	Total/NA	Solid	8015B NM	26632
880-15356-6	T-2 (0-1')	Total/NA	Solid	8015B NM	26632
880-15356-7	T-2 (1')	Total/NA	Solid	8015B NM	26632
880-15356-8	T-2 (2')	Total/NA	Solid	8015B NM	26632
880-15356-9	T-2 (3')	Total/NA	Solid	8015B NM	26632
880-15356-10	T-2 (4')	Total/NA	Solid	8015B NM	26632
880-15356-11	T-3 (0-1')	Total/NA	Solid	8015B NM	26632
880-15356-12	T-3 (1')	Total/NA	Solid	8015B NM	26632
880-15356-13	T-3 (2')	Total/NA	Solid	8015B NM	26632
880-15356-14	T-3 (3')	Total/NA	Solid	8015B NM	26632
880-15356-15	T-3 (4')	Total/NA	Solid	8015B NM	26632
880-15356-16	H-1 (0-6")	Total/NA	Solid	8015B NM	26632
880-15356-17	H-2 (0-6")	Total/NA	Solid	8015B NM	26632
880-15356-18	H-3 (0-6")	Total/NA	Solid	8015B NM	26632
880-15356-19	H-4 (0-6")	Total/NA	Solid	8015B NM	26632
880-15356-20	H-5 (0-6")	Total/NA	Solid	8015B NM	26632
MB 880-26632/1-A	Method Blank	Total/NA	Solid	8015B NM	26632
LCS 880-26632/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	26632
LCSD 880-26632/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	26632
880-15356-1 MS	T-1 (0-1')	Total/NA	Solid	8015B NM	26632
880-15356-1 MSD	T-1 (0-1')	Total/NA	Solid	8015B NM	26632

Prep Batch: 26632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-15356-2	T-1 (1')	Total/NA	Solid	8015NM Prep	
880-15356-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-15356-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-15356-5	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-15356-6	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-15356-7	T-2 (1')	Total/NA	Solid	8015NM Prep	
880-15356-8	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-15356-9	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-15356-10	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-15356-11	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-15356-12	T-3 (1')	Total/NA	Solid	8015NM Prep	
880-15356-13	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-15356-14	T-3 (3')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 26632 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-15	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-15356-16	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-15356-17	H-2 (0-6")	Total/NA	Solid	8015NM Prep	
880-15356-18	H-3 (0-6")	Total/NA	Solid	8015NM Prep	
880-15356-19	H-4 (0-6")	Total/NA	Solid	8015NM Prep	
880-15356-20	H-5 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-26632/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-26632/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-26632/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15356-1 MS	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-15356-1 MSD	T-1 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 26705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-15356-2	T-1 (1')	Total/NA	Solid	8015 NM	
880-15356-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-15356-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-15356-5	T-1 (4')	Total/NA	Solid	8015 NM	
880-15356-6	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-15356-7	T-2 (1')	Total/NA	Solid	8015 NM	
880-15356-8	T-2 (2')	Total/NA	Solid	8015 NM	
880-15356-9	T-2 (3')	Total/NA	Solid	8015 NM	
880-15356-10	T-2 (4')	Total/NA	Solid	8015 NM	
880-15356-11	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-15356-12	T-3 (1')	Total/NA	Solid	8015 NM	
880-15356-13	T-3 (2')	Total/NA	Solid	8015 NM	
880-15356-14	T-3 (3')	Total/NA	Solid	8015 NM	
880-15356-15	T-3 (4')	Total/NA	Solid	8015 NM	
880-15356-16	H-1 (0-6")	Total/NA	Solid	8015 NM	
880-15356-17	H-2 (0-6")	Total/NA	Solid	8015 NM	
880-15356-18	H-3 (0-6")	Total/NA	Solid	8015 NM	
880-15356-19	H-4 (0-6")	Total/NA	Solid	8015 NM	
880-15356-20	H-5 (0-6")	Total/NA	Solid	8015 NM	
880-15356-21	H-6 (0-6")	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 26642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-15356-2	T-1 (1')	Soluble	Solid	DI Leach	
880-15356-3	T-1 (2')	Soluble	Solid	DI Leach	
880-15356-4	T-1 (3')	Soluble	Solid	DI Leach	
880-15356-5	T-1 (4')	Soluble	Solid	DI Leach	
880-15356-6	T-2 (0-1')	Soluble	Solid	DI Leach	
880-15356-7	T-2 (1')	Soluble	Solid	DI Leach	
880-15356-8	T-2 (2')	Soluble	Solid	DI Leach	
880-15356-9	T-2 (3')	Soluble	Solid	DI Leach	
880-15356-10	T-2 (4')	Soluble	Solid	DI Leach	
880-15356-11	T-3 (0-1')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 26642 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-12	T-3 (1')	Soluble	Solid	DI Leach	
880-15356-13	T-3 (2')	Soluble	Solid	DI Leach	
880-15356-14	T-3 (3')	Soluble	Solid	DI Leach	
880-15356-15	T-3 (4')	Soluble	Solid	DI Leach	
880-15356-16	H-1 (0-6")	Soluble	Solid	DI Leach	
880-15356-17	H-2 (0-6")	Soluble	Solid	DI Leach	
880-15356-18	H-3 (0-6")	Soluble	Solid	DI Leach	
880-15356-19	H-4 (0-6")	Soluble	Solid	DI Leach	
880-15356-20	H-5 (0-6")	Soluble	Solid	DI Leach	
MB 880-26642/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-26642/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-26642/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15356-1 MS	T-1 (0-1')	Soluble	Solid	DI Leach	
880-15356-1 MSD	T-1 (0-1')	Soluble	Solid	DI Leach	
880-15356-11 MS	T-3 (0-1')	Soluble	Solid	DI Leach	
880-15356-11 MSD	T-3 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 26644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-21	H-6 (0-6")	Soluble	Solid	DI Leach	
MB 880-26644/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-26644/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-26644/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15356-21 MS	H-6 (0-6")	Soluble	Solid	DI Leach	
880-15356-21 MSD	H-6 (0-6")	Soluble	Solid	DI Leach	

Analysis Batch: 26663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-1	T-1 (0-1')	Soluble	Solid	300.0	26642
880-15356-2	T-1 (1')	Soluble	Solid	300.0	26642
880-15356-3	T-1 (2')	Soluble	Solid	300.0	26642
880-15356-4	T-1 (3')	Soluble	Solid	300.0	26642
880-15356-5	T-1 (4')	Soluble	Solid	300.0	26642
880-15356-6	T-2 (0-1')	Soluble	Solid	300.0	26642
880-15356-7	T-2 (1')	Soluble	Solid	300.0	26642
880-15356-8	T-2 (2')	Soluble	Solid	300.0	26642
880-15356-9	T-2 (3')	Soluble	Solid	300.0	26642
880-15356-10	T-2 (4')	Soluble	Solid	300.0	26642
880-15356-11	T-3 (0-1')	Soluble	Solid	300.0	26642
880-15356-12	T-3 (1')	Soluble	Solid	300.0	26642
880-15356-13	T-3 (2')	Soluble	Solid	300.0	26642
880-15356-14	T-3 (3')	Soluble	Solid	300.0	26642
880-15356-15	T-3 (4')	Soluble	Solid	300.0	26642
880-15356-16	H-1 (0-6")	Soluble	Solid	300.0	26642
880-15356-17	H-2 (0-6")	Soluble	Solid	300.0	26642
880-15356-18	H-3 (0-6")	Soluble	Solid	300.0	26642
880-15356-19	H-4 (0-6")	Soluble	Solid	300.0	26642
880-15356-20	H-5 (0-6")	Soluble	Solid	300.0	26642
MB 880-26642/1-A	Method Blank	Soluble	Solid	300.0	26642
LCS 880-26642/2-A	Lab Control Sample	Soluble	Solid	300.0	26642
LCSD 880-26642/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	26642

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 26663 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-1 MS	T-1 (0-1')	Soluble	Solid	300.0	26642
880-15356-1 MSD	T-1 (0-1')	Soluble	Solid	300.0	26642
880-15356-11 MS	T-3 (0-1')	Soluble	Solid	300.0	26642
880-15356-11 MSD	T-3 (0-1')	Soluble	Solid	300.0	26642

Analysis Batch: 26760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15356-21	H-6 (0-6")	Soluble	Solid	300.0	26644
MB 880-26644/1-A	Method Blank	Soluble	Solid	300.0	26644
LCS 880-26644/2-A	Lab Control Sample	Soluble	Solid	300.0	26644
LCSD 880-26644/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	26644
880-15356-21 MS	H-6 (0-6")	Soluble	Solid	300.0	26644
880-15356-21 MSD	H-6 (0-6")	Soluble	Solid	300.0	26644

Lab Chronicle

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-15356-1

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	26634	06/01/22 10:25	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/01/22 14:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/01/22 21:22	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 10:13	CH	XEN MID

Client Sample ID: T-1 (1')

Lab Sample ID: 880-15356-2

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	26594	06/01/22 16:19	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/02/22 02:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/01/22 22:27	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 10:36	CH	XEN MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-15356-3

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	26594	06/01/22 16:19	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/02/22 02:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/01/22 22:49	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 10:44	CH	XEN MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-15356-4

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	26594	06/01/22 16:19	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/02/22 03:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-1 (3')

Lab Sample ID: 880-15356-4

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/01/22 23:11	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 10:52	CH	XEN MID

Client Sample ID: T-1 (4')

Lab Sample ID: 880-15356-5

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	26594	06/01/22 16:19	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/02/22 03:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/01/22 23:32	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 11:00	CH	XEN MID

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-15356-6

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	26594	06/01/22 16:19	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/02/22 03:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/01/22 23:54	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 11:24	CH	XEN MID

Client Sample ID: T-2 (1')

Lab Sample ID: 880-15356-7

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	26594	06/01/22 16:19	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/02/22 04:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/02/22 00:14	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-2 (1')

Lab Sample ID: 880-15356-7

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 11:31	CH	XEN MID

Client Sample ID: T-2 (2')

Lab Sample ID: 880-15356-8

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	26594	06/01/22 16:19	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/02/22 04:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/02/22 00:36	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 11:39	CH	XEN MID

Client Sample ID: T-2 (3')

Lab Sample ID: 880-15356-9

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	26594	06/01/22 16:19	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/02/22 04:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/02/22 00:57	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 11:47	CH	XEN MID

Client Sample ID: T-2 (4')

Lab Sample ID: 880-15356-10

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	26594	06/01/22 16:19	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/02/22 05:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/02/22 01:18	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 11:55	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-15356-11

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	26634	06/01/22 10:25	MR	XEN MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	26643	06/01/22 22:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		5			26615	06/02/22 02:00	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		10			26663	06/02/22 12:03	CH	XEN MID

Client Sample ID: T-3 (1')

Lab Sample ID: 880-15356-12

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	26634	06/01/22 10:25	MR	XEN MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	26643	06/01/22 22:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		5			26615	06/02/22 02:21	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		10			26663	06/02/22 12:27	CH	XEN MID

Client Sample ID: T-3 (2')

Lab Sample ID: 880-15356-13

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	26634	06/01/22 10:25	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/01/22 19:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/02/22 02:42	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 12:35	CH	XEN MID

Client Sample ID: T-3 (3')

Lab Sample ID: 880-15356-14

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	26634	06/01/22 10:25	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/01/22 19:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: T-3 (3')

Date Collected: 05/31/22 00:00

Date Received: 06/01/22 10:15

Lab Sample ID: 880-15356-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/02/22 03:03	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 12:58	CH	XEN MID

Client Sample ID: T-3 (4')

Date Collected: 05/31/22 00:00

Date Received: 06/01/22 10:15

Lab Sample ID: 880-15356-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	26634	06/01/22 10:25	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/01/22 20:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/02/22 03:24	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 13:06	CH	XEN MID

Client Sample ID: H-1 (0-6")

Date Collected: 05/31/22 00:00

Date Received: 06/01/22 10:15

Lab Sample ID: 880-15356-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	26634	06/01/22 10:25	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/01/22 20:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/02/22 03:45	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 13:14	CH	XEN MID

Client Sample ID: H-2 (0-6")

Date Collected: 05/31/22 00:00

Date Received: 06/01/22 10:15

Lab Sample ID: 880-15356-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	26634	06/01/22 10:25	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/01/22 20:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/02/22 04:06	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-15356-17

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 13:22	CH	XEN MID

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-15356-18

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	26634	06/01/22 10:25	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/01/22 21:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/02/22 04:27	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 13:30	CH	XEN MID

Client Sample ID: H-4 (0-6")

Lab Sample ID: 880-15356-19

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	26634	06/01/22 10:25	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/01/22 21:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/02/22 04:48	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 13:38	CH	XEN MID

Client Sample ID: H-5 (0-6")

Lab Sample ID: 880-15356-20

Date Collected: 05/31/22 00:00

Matrix: Solid

Date Received: 06/01/22 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	26634	06/01/22 10:25	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/01/22 21:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	26632	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26615	06/02/22 05:09	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	26642	06/01/22 10:52	CH	XEN MID
Soluble	Analysis	300.0		1			26663	06/02/22 13:46	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Client Sample ID: H-6 (0-6")
Date Collected: 05/31/22 00:00
Date Received: 06/01/22 10:15

Lab Sample ID: 880-15356-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	26594	06/01/22 16:19	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26643	06/02/22 07:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			26671	06/01/22 16:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26705	06/02/22 09:37	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26466	06/01/22 11:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26613	06/01/22 18:11	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	26644	06/01/22 10:56	CH	XEN MID
Soluble	Analysis	300.0		1			26760	06/02/22 20:40	CH	XEN MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-15356-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-15356-1	T-1 (0-1')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-2	T-1 (1')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-3	T-1 (2')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-4	T-1 (3')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-5	T-1 (4')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-6	T-2 (0-1')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-7	T-2 (1')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-8	T-2 (2')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-9	T-2 (3')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-10	T-2 (4')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-11	T-3 (0-1')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-12	T-3 (1')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-13	T-3 (2')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-14	T-3 (3')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-15	T-3 (4')	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-16	H-1 (0-6")	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-17	H-2 (0-6")	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-18	H-3 (0-6")	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-19	H-4 (0-6")	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-20	H-5 (0-6")	Solid	05/31/22 00:00	06/01/22 10:15
880-15356-21	H-6 (0-6")	Solid	05/31/22 00:00	06/01/22 10:15

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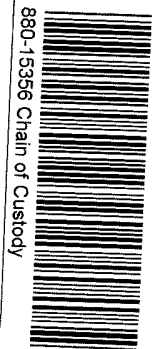
Work Order No: 15350

Page 1 of 3

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79706
Phone	432-813-6823	Email	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RC ☐ Superfund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables	EDD ☐ ADAPT ☐ Other

Project Name	Pegasus 3 FC CTB	Turn Around	☐ Routine ☒ Rush	Due Date	48 Hrs	Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number	1060							None NO	DI Water H ₂ O												
Project Location	Lea Co. NM							Cool Cool	MeOH Me												
Sampler's Name	CCM							HCL HC	HNO ₃ HN												
PO #								H ₂ SO ₄ H ₂	NaOH Na												
SAMPLE RECEIPT	Temp Blank.	Yes/No	Wet Ice	Yes/No				H ₃ PO ₄ HP													
Received Intact.	Yes/No	Thermometer ID						NaHSO ₄ NABIS													
Cooler Custody Seals	Yes/No	Correction Factor						Na ₂ S ₂ O ₃													
Sample Custody Seals	Yes/No	Temperature Reading						Zn Acetate+NaOH Zn													
Total Containers		Corrected Temperature						NaOH+Ascorbic Acid SAPC													
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B			TPH 8015M (GRO + DRO + MRO)			Chloride 300.0			Sample Comments					
T-1 (0-1')	5/31/2022		X		Grab/	1	X	X	X												
T-1 (1')	5/31/2022		X		Grab/	1	X	X	X												
T-1 (2')	5/31/2022		X		Grab/	1	X	X	X												
T-1 (3')	5/31/2022		X		Grab/	1	X	X	X												
T-1 (4')	5/31/2022		X		Grab/	1	X	X	X												
T-2 (0-1')	5/31/2022		X		Grab/	1	X	X	X												
T-2 (1')	5/31/2022		X		Grab/	1	X	X	X												
T-2 (2')	5/31/2022		X		Grab/	1	X	X	X												
T-2 (3')	5/31/2022		X		Grab/	1	X	X	X												
T-2 (4')	5/31/2022		X		Grab/	1	X	X	X												



880-15356 Chain of Custody

Comments: Add Ashton Thielke to email chain ATThielke@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	6/1/22 10:15		

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Work Order No: 15350

6/3/2022

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells	Work Order Comments Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Jperfund ☐ State of Project: Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐ Deliverables EDD ☐ ADAPT ☐ Other
Company Name	Carmona Resources	Company Name	EOG Resources	
Address	310 W Wall St Ste 415	Address	5509 Champions Dr	
City, State ZIP	Midland TX 79701	City, State ZIP	Midland, Texas 79706	
Phone	432-813-6823	Email	Todd Wells@eogresources.com	

Project Name	Pegasus 3 FC CTB	Turn Around	☐ Routine ☒ Rush	48 Hrs	ANALYSIS REQUEST	Preservative Codes None NO DI Water H ₂ O Cool Cool MeOH Me HCL HC HNO ₃ HN H ₂ SO ₄ H ₂ NaOH Na H ₃ PO ₄ HP NaHSO ₄ NABIS Na ₂ S ₂ O ₃ NaSO ₃ Zn Acetate+NaOH Zn NaOH+Ascorbic Acid SAPC
Project Number	1060	Due Date				
Project Location	Lea Co NM					
Sampler's Name	CCM					
PO #						
SAMPLE RECEIPT	Temp Blank	Yes No	Well Ice	Yes No		
Received Intact:	Yes No	Thermometer ID				
Cooler Custody Seals	Yes No N/A	Correction Factor				
Sample Custody Seals	Yes No N/A	Temperature Reading				
Total Containers		Corrected Temperature				

Sample Identification										Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</

Comments: Email to: Mike Carmona Mcarmona@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	6/1/22 10:15		

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

Work Order Comments	
Program: UST/PT	PRP ☐ Brownfields ☐ RC ☐ Superfund ☐
State of Project.	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD	☐ ADAPT ☐ Other: ☐

Work Order No: 153576

6/3/2022

[illegible]

Comments:

Email to: [Mike Carmona Mcarmona@carmonaresources.com](mailto:Mike.Carmona@carmonaresources.com)

Comments:			
Email to: Mike Carmona Mcarmona@carmonaresources.com			
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	6/1/22 10:15		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-15356-1

SDG Number: Lea Co, NM

Login Number: 15356

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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



Environment Testing
America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-16698-1
Client Project/Site: Pegasus 3 FC CTB

For:
Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Attn: Ashton Thielke

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
7/11/2022 9:23:29 AM

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

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Laboratory Job ID: 880-16698-1

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Job ID: 880-16698-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-16698-1****Receipt**

The samples were received on 7/8/2022 11:43 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-29338 and analytical batch 880-29361 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: CS-1 (4.5')

Lab Sample ID: 880-16698-1

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 02:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 02:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 02:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/08/22 12:59	07/09/22 02:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 02:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/08/22 12:59	07/09/22 02:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	07/08/22 12:59	07/09/22 02:07	1
1,4-Difluorobenzene (Surr)	96		70 - 130	07/08/22 12:59	07/09/22 02:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	49.9		mg/Kg		07/08/22 16:14	07/10/22 17:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		07/08/22 16:14	07/10/22 17:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	07/08/22 16:14	07/10/22 17:21	1
o-Terphenyl	80		70 - 130	07/08/22 16:14	07/10/22 17:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.6		5.03		mg/Kg			07/10/22 12:08	1

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-16698-2

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/08/22 12:59	07/09/22 02:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/08/22 12:59	07/09/22 02:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/08/22 12:59	07/09/22 02:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/08/22 12:59	07/09/22 02:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/08/22 12:59	07/09/22 02:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/08/22 12:59	07/09/22 02:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	07/08/22 12:59	07/09/22 02:34	1
1,4-Difluorobenzene (Surr)	93		70 - 130	07/08/22 12:59	07/09/22 02:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-16698-2

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 18:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 18:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 18:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				07/08/22 16:14	07/10/22 18:25	1
o-Terphenyl	98		70 - 130				07/08/22 16:14	07/10/22 18:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.2		4.98		mg/Kg			07/10/22 12:16	1

Client Sample ID: CS-3 (2')

Lab Sample ID: 880-16698-3

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/08/22 12:59	07/09/22 03:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/08/22 12:59	07/09/22 03:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/08/22 12:59	07/09/22 03:00	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/08/22 12:59	07/09/22 03:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/08/22 12:59	07/09/22 03:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/08/22 12:59	07/09/22 03:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				07/08/22 12:59	07/09/22 03:00	1
1,4-Difluorobenzene (Surr)	92		70 - 130				07/08/22 12:59	07/09/22 03:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/08/22 16:14	07/10/22 18:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/08/22 16:14	07/10/22 18:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: CS-3 (2')

Lab Sample ID: 880-16698-3

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/08/22 16:14	07/10/22 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				07/08/22 16:14	07/10/22 18:46	1
o-Terphenyl	95		70 - 130				07/08/22 16:14	07/10/22 18:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.0		4.96		mg/Kg			07/10/22 12:24	1

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-16698-4

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/08/22 12:59	07/09/22 03:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/08/22 12:59	07/09/22 03:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/08/22 12:59	07/09/22 03:26	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/08/22 12:59	07/09/22 03:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/08/22 12:59	07/09/22 03:26	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/08/22 12:59	07/09/22 03:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				07/08/22 12:59	07/09/22 03:26	1
1,4-Difluorobenzene (Surr)	84		70 - 130				07/08/22 12:59	07/09/22 03:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 19:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 19:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 19:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				07/08/22 16:14	07/10/22 19:07	1
o-Terphenyl	93		70 - 130				07/08/22 16:14	07/10/22 19:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.5		5.05		mg/Kg			07/09/22 19:15	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: CS-5 (2')

Lab Sample ID: 880-16698-5

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 03:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 03:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 03:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/08/22 12:59	07/09/22 03:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 03:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/08/22 12:59	07/09/22 03:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	07/08/22 12:59	07/09/22 03:53	1
1,4-Difluorobenzene (Surr)	87		70 - 130	07/08/22 12:59	07/09/22 03:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 19:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 19:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	07/08/22 16:14	07/10/22 19:28	1
o-Terphenyl	86		70 - 130	07/08/22 16:14	07/10/22 19:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.8		4.99		mg/Kg			07/09/22 19:39	1

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-16698-6

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 04:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 04:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 04:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/08/22 12:59	07/09/22 04:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 04:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/08/22 12:59	07/09/22 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	07/08/22 12:59	07/09/22 04:19	1
1,4-Difluorobenzene (Surr)	94		70 - 130	07/08/22 12:59	07/09/22 04:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-16698-6

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 19:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 19:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				07/08/22 16:14	07/10/22 19:49	1
o-Terphenyl	76		70 - 130				07/08/22 16:14	07/10/22 19:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.5		4.98		mg/Kg			07/09/22 19:47	1

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-16698-7

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 04:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 04:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 04:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/08/22 12:59	07/09/22 04:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 04:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/08/22 12:59	07/09/22 04:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				07/08/22 12:59	07/09/22 04:45	1
1,4-Difluorobenzene (Surr)	94		70 - 130				07/08/22 12:59	07/09/22 04:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 20:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 20:10	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-16698-7

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				07/08/22 16:14	07/10/22 20:10	1
o-Terphenyl	77		70 - 130				07/08/22 16:14	07/10/22 20:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.3		4.95		mg/Kg			07/09/22 19:54	1

Client Sample ID: CS-8 (2')

Lab Sample ID: 880-16698-8

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/08/22 12:59	07/09/22 05:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/08/22 12:59	07/09/22 05:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/08/22 12:59	07/09/22 05:12	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/08/22 12:59	07/09/22 05:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/08/22 12:59	07/09/22 05:12	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/08/22 12:59	07/09/22 05:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				07/08/22 12:59	07/09/22 05:12	1
1,4-Difluorobenzene (Surr)	91		70 - 130				07/08/22 12:59	07/09/22 05:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 20:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 20:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 20:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				07/08/22 16:14	07/10/22 20:32	1
o-Terphenyl	79		70 - 130				07/08/22 16:14	07/10/22 20:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.7		4.97		mg/Kg			07/09/22 20:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: SW-1 (4.5')

Lab Sample ID: 880-16698-9

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/08/22 12:59	07/09/22 05:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/08/22 12:59	07/09/22 05:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/08/22 12:59	07/09/22 05:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/08/22 12:59	07/09/22 05:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/08/22 12:59	07/09/22 05:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/08/22 12:59	07/09/22 05:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	07/08/22 12:59	07/09/22 05:38	1
1,4-Difluorobenzene (Surr)	86		70 - 130	07/08/22 12:59	07/09/22 05:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 20:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 20:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 20:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	07/08/22 16:14	07/10/22 20:53	1
o-Terphenyl	81		70 - 130	07/08/22 16:14	07/10/22 20:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		24.8		mg/Kg			07/09/22 20:26	5

Client Sample ID: SW-2 (4.5')

Lab Sample ID: 880-16698-10

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 06:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 06:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 06:04	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/08/22 12:59	07/09/22 06:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 06:04	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/08/22 12:59	07/09/22 06:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	07/08/22 12:59	07/09/22 06:04	1
1,4-Difluorobenzene (Surr)	92		70 - 130	07/08/22 12:59	07/09/22 06:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: SW-2 (4.5')

Lab Sample ID: 880-16698-10

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 21:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 21:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 21:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				07/08/22 16:14	07/10/22 21:14	1
o-Terphenyl	82		70 - 130				07/08/22 16:14	07/10/22 21:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		25.3		mg/Kg			07/09/22 20:34	5

Client Sample ID: SW-3 (4.5')

Lab Sample ID: 880-16698-11

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 03:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 03:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 03:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/09/22 14:01	07/10/22 03:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 03:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/09/22 14:01	07/10/22 03:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				07/09/22 14:01	07/10/22 03:42	1
1,4-Difluorobenzene (Surr)	85		70 - 130				07/09/22 14:01	07/10/22 03:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/08/22 16:14	07/10/22 21:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/08/22 16:14	07/10/22 21:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: SW-3 (4.5')

Lab Sample ID: 880-16698-11

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/08/22 16:14	07/10/22 21:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				07/08/22 16:14	07/10/22 21:57	1
o-Terphenyl	102		70 - 130				07/08/22 16:14	07/10/22 21:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	177		25.1		mg/Kg			07/09/22 20:42	5

Client Sample ID: SW-4 (4.5')

Lab Sample ID: 880-16698-12

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 04:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 04:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 04:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/09/22 14:01	07/10/22 04:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 04:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/09/22 14:01	07/10/22 04:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				07/09/22 14:01	07/10/22 04:02	1
1,4-Difluorobenzene (Surr)	94		70 - 130				07/09/22 14:01	07/10/22 04:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 22:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 22:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 22:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				07/08/22 16:14	07/10/22 22:18	1
o-Terphenyl	94		70 - 130				07/08/22 16:14	07/10/22 22:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		25.0		mg/Kg			07/09/22 20:50	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: SW-5 (2')

Lab Sample ID: 880-16698-13

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 04:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 04:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 04:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/09/22 14:01	07/10/22 04:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 04:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/09/22 14:01	07/10/22 04:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	07/09/22 14:01	07/10/22 04:23	1
1,4-Difluorobenzene (Surr)	85		70 - 130	07/09/22 14:01	07/10/22 04:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 22:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 22:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 22:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	07/08/22 16:14	07/10/22 22:39	1
o-Terphenyl	78		70 - 130	07/08/22 16:14	07/10/22 22:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		24.9		mg/Kg			07/09/22 20:58	5

Client Sample ID: SW-6 (2')

Lab Sample ID: 880-16698-14

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 04:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 04:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 04:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/09/22 14:01	07/10/22 04:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 04:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/09/22 14:01	07/10/22 04:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	07/09/22 14:01	07/10/22 04:43	1
1,4-Difluorobenzene (Surr)	91		70 - 130	07/09/22 14:01	07/10/22 04:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: SW-6 (2')

Lab Sample ID: 880-16698-14

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/08/22 16:14	07/10/22 23:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/08/22 16:14	07/10/22 23:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/08/22 16:14	07/10/22 23:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				07/08/22 16:14	07/10/22 23:01	1
o-Terphenyl	95		70 - 130				07/08/22 16:14	07/10/22 23:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.5		5.00		mg/Kg			07/09/22 21:05	1

Client Sample ID: SW-7 (2')

Lab Sample ID: 880-16698-15

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/09/22 14:01	07/10/22 05:03	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/09/22 14:01	07/10/22 05:03	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/09/22 14:01	07/10/22 05:03	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/09/22 14:01	07/10/22 05:03	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/09/22 14:01	07/10/22 05:03	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/09/22 14:01	07/10/22 05:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				07/09/22 14:01	07/10/22 05:03	1
1,4-Difluorobenzene (Surr)	94		70 - 130				07/09/22 14:01	07/10/22 05:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 23:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 23:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: SW-7 (2')

Lab Sample ID: 880-16698-15

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				07/08/22 16:14	07/10/22 23:22	1
o-Terphenyl	85		70 - 130				07/08/22 16:14	07/10/22 23:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.2		4.96		mg/Kg			07/09/22 21:29	1

Client Sample ID: SW-8 (2')

Lab Sample ID: 880-16698-16

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/09/22 14:01	07/10/22 05:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/09/22 14:01	07/10/22 05:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/09/22 14:01	07/10/22 05:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/09/22 14:01	07/10/22 05:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/09/22 14:01	07/10/22 05:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/09/22 14:01	07/10/22 05:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				07/09/22 14:01	07/10/22 05:24	1
1,4-Difluorobenzene (Surr)	95		70 - 130				07/09/22 14:01	07/10/22 05:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 23:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 23:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/10/22 23:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				07/08/22 16:14	07/10/22 23:43	1
o-Terphenyl	79		70 - 130				07/08/22 16:14	07/10/22 23:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.0		4.99		mg/Kg			07/09/22 21:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: SW-9 (2')

Lab Sample ID: 880-16698-17

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 05:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 05:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 05:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/09/22 14:01	07/10/22 05:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 05:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/09/22 14:01	07/10/22 05:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	07/09/22 14:01	07/10/22 05:44	1
1,4-Difluorobenzene (Surr)	95		70 - 130	07/09/22 14:01	07/10/22 05:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/11/22 00:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/11/22 00:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/11/22 00:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	07/08/22 16:14	07/11/22 00:03	1
o-Terphenyl	81		70 - 130	07/08/22 16:14	07/11/22 00:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.4		5.00		mg/Kg			07/09/22 22:00	1

Client Sample ID: SW-10 (2')

Lab Sample ID: 880-16698-18

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 06:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 06:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 06:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/09/22 14:01	07/10/22 06:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 06:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/09/22 14:01	07/10/22 06:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	07/09/22 14:01	07/10/22 06:05	1
1,4-Difluorobenzene (Surr)	87		70 - 130	07/09/22 14:01	07/10/22 06:05	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: SW-10 (2')

Lab Sample ID: 880-16698-18

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/11/22 00:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/11/22 00:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/11/22 00:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				07/08/22 16:14	07/11/22 00:24	1
o-Terphenyl	89		70 - 130				07/08/22 16:14	07/11/22 00:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.73		4.97		mg/Kg			07/09/22 22:08	1

Client Sample ID: SW-11 (2')

Lab Sample ID: 880-16698-19

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 06:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 06:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 06:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/09/22 14:01	07/10/22 06:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 06:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/09/22 14:01	07/10/22 06:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				07/09/22 14:01	07/10/22 06:25	1
1,4-Difluorobenzene (Surr)	93		70 - 130				07/09/22 14:01	07/10/22 06:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/11/22 00:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/11/22 00:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: SW-11 (2')

Lab Sample ID: 880-16698-19

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/11/22 00:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				07/08/22 16:14	07/11/22 00:44	1
o-Terphenyl	98		70 - 130				07/08/22 16:14	07/11/22 00:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.28		5.00		mg/Kg			07/09/22 22:16	1

Client Sample ID: SW-12 (2')

Lab Sample ID: 880-16698-20

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 06:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 06:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 06:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/09/22 14:01	07/10/22 06:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/09/22 14:01	07/10/22 06:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/09/22 14:01	07/10/22 06:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				07/09/22 14:01	07/10/22 06:46	1
1,4-Difluorobenzene (Surr)	91		70 - 130				07/09/22 14:01	07/10/22 06:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/11/22 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/11/22 08:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/11/22 01:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/11/22 01:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/08/22 16:14	07/11/22 01:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				07/08/22 16:14	07/11/22 01:05	1
o-Terphenyl	82		70 - 130				07/08/22 16:14	07/11/22 01:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.7		4.99		mg/Kg			07/09/22 22:24	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-16698-1	CS-1 (4.5')	109	96				
880-16698-1 MS	CS-1 (4.5')	112	96				
880-16698-1 MSD	CS-1 (4.5')	113	97				
880-16698-2	CS-2 (2')	108	93				
880-16698-3	CS-3 (2')	116	92				
880-16698-4	CS-4 (2')	120	84				
880-16698-5	CS-5 (2')	103	87				
880-16698-6	CS-6 (2')	112	94				
880-16698-7	CS-7 (2')	120	94				
880-16698-8	CS-8 (2')	115	91				
880-16698-9	SW-1 (4.5')	113	86				
880-16698-10	SW-2 (4.5')	104	92				
880-16698-11	SW-3 (4.5')	99	85				
880-16698-11 MS	SW-3 (4.5')	111	103				
880-16698-11 MSD	SW-3 (4.5')	110	102				
880-16698-12	SW-4 (4.5')	118	94				
880-16698-13	SW-5 (2')	97	85				
880-16698-14	SW-6 (2')	117	91				
880-16698-15	SW-7 (2')	115	94				
880-16698-16	SW-8 (2')	116	95				
880-16698-17	SW-9 (2')	115	95				
880-16698-18	SW-10 (2')	110	87				
880-16698-19	SW-11 (2')	118	93				
880-16698-20	SW-12 (2')	117	91				
LCS 880-29304/1-A	Lab Control Sample	112	99				
LCS 880-29360/1-A	Lab Control Sample	113	104				
LCSD 880-29304/2-A	Lab Control Sample Dup	114	97				
LCSD 880-29360/2-A	Lab Control Sample Dup	113	104				
MB 880-29280/5-A	Method Blank	79	89				
MB 880-29304/5-A	Method Blank	81	86				
MB 880-29360/5-A	Method Blank	104	93				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-16698-1	CS-1 (4.5')	75	80				
880-16698-1 MS	CS-1 (4.5')	94	93				
880-16698-1 MSD	CS-1 (4.5')	96	93				
880-16698-2	CS-2 (2')	96	98				
880-16698-3	CS-3 (2')	93	95				
880-16698-4	CS-4 (2')	93	93				
880-16698-5	CS-5 (2')	80	86				
880-16698-6	CS-6 (2')	76	76				

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Surrogate Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-16698-7	CS-7 (2')	76	77
880-16698-8	CS-8 (2')	77	79
880-16698-9	SW-1 (4.5')	78	81
880-16698-10	SW-2 (4.5')	80	82
880-16698-11	SW-3 (4.5')	98	102
880-16698-12	SW-4 (4.5')	92	94
880-16698-13	SW-5 (2')	77	78
880-16698-14	SW-6 (2')	96	95
880-16698-15	SW-7 (2')	80	85
880-16698-16	SW-8 (2')	78	79
880-16698-17	SW-9 (2')	80	81
880-16698-18	SW-10 (2')	83	89
880-16698-19	SW-11 (2')	89	98
880-16698-20	SW-12 (2')	78	82
LCS 880-29338/2-A	Lab Control Sample	85	88
LCSD 880-29338/3-A	Lab Control Sample Dup	86	91
MB 880-29338/1-A	Method Blank	91	0.05 S1-
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-29280/5-A

Matrix: Solid

Analysis Batch: 29261

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/08/22 10:35	07/08/22 11:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/08/22 10:35	07/08/22 11:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/08/22 10:35	07/08/22 11:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/08/22 10:35	07/08/22 11:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/08/22 10:35	07/08/22 11:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/08/22 10:35	07/08/22 11:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	07/08/22 10:35	07/08/22 11:59	1
1,4-Difluorobenzene (Surr)	89		70 - 130	07/08/22 10:35	07/08/22 11:59	1

Lab Sample ID: MB 880-29304/5-A

Matrix: Solid

Analysis Batch: 29261

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29304

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 01:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 01:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 01:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/08/22 12:59	07/09/22 01:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/08/22 12:59	07/09/22 01:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/08/22 12:59	07/09/22 01:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	07/08/22 12:59	07/09/22 01:41	1
1,4-Difluorobenzene (Surr)	86		70 - 130	07/08/22 12:59	07/09/22 01:41	1

Lab Sample ID: LCS 880-29304/1-A

Matrix: Solid

Analysis Batch: 29261

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29304

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07718		mg/Kg		77	70 - 130
Toluene	0.100	0.07580		mg/Kg		76	70 - 130
Ethylbenzene	0.100	0.07487		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	0.200	0.1519		mg/Kg		76	70 - 130
o-Xylene	0.100	0.08416		mg/Kg		84	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-29304/2-A

Matrix: Solid

Analysis Batch: 29261

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 29304

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08032		mg/Kg		80	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

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

Lab Sample ID: LCSD 880-29304/2-A

Matrix: Solid

Analysis Batch: 29261

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 29304

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.08169		mg/Kg		82	70 - 130	7	35
Ethylbenzene	0.100	0.07897		mg/Kg		79	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1604		mg/Kg		80	70 - 130	5	35
o-Xylene	0.100	0.09130		mg/Kg		91	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-16698-1 MS

Matrix: Solid

Analysis Batch: 29261

Client Sample ID: CS-1 (4.5')

Prep Type: Total/NA

Prep Batch: 29304

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.07988		mg/Kg		79	70 - 130
Toluene	<0.00200	U	0.101	0.07677		mg/Kg		76	70 - 130
Ethylbenzene	<0.00200	U	0.101	0.07357		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.201	0.1466		mg/Kg		73	70 - 130
o-Xylene	<0.00200	U	0.101	0.08287		mg/Kg		82	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-16698-1 MSD

Matrix: Solid

Analysis Batch: 29261

Client Sample ID: CS-1 (4.5')

Prep Type: Total/NA

Prep Batch: 29304

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08706		mg/Kg		87	70 - 130	9	35
Toluene	<0.00200	U	0.100	0.07824		mg/Kg		78	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.07195		mg/Kg		72	70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1435		mg/Kg		72	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.08204		mg/Kg		82	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-29360/5-A

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29360

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 03:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 03:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 03:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/09/22 14:01	07/10/22 03:20	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

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

Lab Sample ID: MB 880-29360/5-A

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29360

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/09/22 14:01	07/10/22 03:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/09/22 14:01	07/10/22 03:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				07/09/22 14:01	07/10/22 03:20	1
1,4-Difluorobenzene (Surr)	93		70 - 130				07/09/22 14:01	07/10/22 03:20	1

Lab Sample ID: LCS 880-29360/1-A

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29360

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1120		mg/Kg		112	70 - 130
Toluene	0.100	0.1081		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1124		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2330		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1229		mg/Kg		123	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	113		70 - 130				
1,4-Difluorobenzene (Surr)	104		70 - 130				

Lab Sample ID: LCSD 880-29360/2-A

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 29360

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1089		mg/Kg		109	70 - 130	3	35
Toluene	0.100	0.1033		mg/Kg		103	70 - 130	5	35
Ethylbenzene	0.100	0.1106		mg/Kg		111	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2268		mg/Kg		113	70 - 130	3	35
o-Xylene	0.100	0.1233		mg/Kg		123	70 - 130	0	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	113		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: 880-16698-11 MS

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: SW-3 (4.5')

Prep Type: Total/NA

Prep Batch: 29360

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0998	0.1101		mg/Kg		110	70 - 130
Toluene	<0.00199	U	0.0998	0.1064		mg/Kg		106	70 - 130
Ethylbenzene	<0.00199	U	0.0998	0.1093		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2257		mg/Kg		112	70 - 130
o-Xylene	<0.00199	U	0.0998	0.1192		mg/Kg		119	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

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

Lab Sample ID: 880-16698-11 MS

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: SW-3 (4.5')

Prep Type: Total/NA

Prep Batch: 29360

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-16698-11 MSD

Matrix: Solid

Analysis Batch: 29358

Client Sample ID: SW-3 (4.5')

Prep Type: Total/NA

Prep Batch: 29360

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.1060		mg/Kg		106	70 - 130	4	35
Toluene	<0.00199	U	0.100	0.1020		mg/Kg		101	70 - 130	4	35
Ethylbenzene	<0.00199	U	0.100	0.1052		mg/Kg		104	70 - 130	4	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2165		mg/Kg		107	70 - 130	4	35
o-Xylene	<0.00199	U	0.100	0.1126		mg/Kg		112	70 - 130	6	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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

Lab Sample ID: MB 880-29338/1-A

Matrix: Solid

Analysis Batch: 29361

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29338

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 16:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 16:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/08/22 16:14	07/10/22 16:17	1

	MB	MB					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	91		70 - 130				07/08/22 16:14	07/10/22 16:17	1
o-Terphenyl	0.05	S1-	70 - 130				07/08/22 16:14	07/10/22 16:17	1

Lab Sample ID: LCS 880-29338/2-A

Matrix: Solid

Analysis Batch: 29361

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29338

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	994.0		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	813.3		mg/Kg		81	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	88		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

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

Lab Sample ID: LCSD 880-29338/3-A

Matrix: Solid

Analysis Batch: 29361

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 29338

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	975.8		mg/Kg		98	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	882.3		mg/Kg		88	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	86		70 - 130						
o-Terphenyl	91		70 - 130						

Lab Sample ID: 880-16698-1 MS

Matrix: Solid

Analysis Batch: 29361

Client Sample ID: CS-1 (4.5')

Prep Type: Total/NA

Prep Batch: 29338

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits		
	Result	Qualifier	Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	9960	1057	F1	mg/Kg		11		70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	9960	653.0	F1	mg/Kg		6		70 - 130		
Surrogate	MS	MS										
	%Recovery	Qualifier	Limits									
1-Chlorooctane	94		70 - 130									
o-Terphenyl	93		70 - 130									

Lab Sample ID: 880-16698-1 MSD

Matrix: Solid

Analysis Batch: 29361

Client Sample ID: CS-1 (4.5')

Prep Type: Total/NA

Prep Batch: 29338

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	9980	1119	F1	mg/Kg		11	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	9980	663.9	F1	mg/Kg		6	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	93		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-29300/1-A

Matrix: Solid

Analysis Batch: 29390

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/10/22 08:28	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-29300/2-A

Matrix: Solid

Analysis Batch: 29390

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	226.5		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-29300/3-A

Matrix: Solid

Analysis Batch: 29390

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	235.7		mg/Kg		94	90 - 110	4	20

Lab Sample ID: 880-16697-A-31-G MS

Matrix: Solid

Analysis Batch: 29390

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<4.96	U	248	251.0		mg/Kg		101	90 - 110

Lab Sample ID: 880-16697-A-31-H MSD

Matrix: Solid

Analysis Batch: 29390

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<4.96	U	248	252.0		mg/Kg		101	90 - 110	0	20

Lab Sample ID: MB 880-29301/1-A

Matrix: Solid

Analysis Batch: 29393

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/09/22 18:51	1

Lab Sample ID: LCS 880-29301/2-A

Matrix: Solid

Analysis Batch: 29393

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	225.7		mg/Kg		90	90 - 110

Lab Sample ID: LCSD 880-29301/3-A

Matrix: Solid

Analysis Batch: 29393

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	253.8		mg/Kg		102	90 - 110	12	20

Lab Sample ID: 880-16698-4 MS

Matrix: Solid

Analysis Batch: 29393

Client Sample ID: CS-4 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	22.5		253	270.9		mg/Kg		98	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-16698-4 MSD

Matrix: Solid

Analysis Batch: 29393

Client Sample ID: CS-4 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	22.5		253	273.0		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 880-16698-14 MS

Matrix: Solid

Analysis Batch: 29393

Client Sample ID: SW-6 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	14.5		250	267.3		mg/Kg		101	90 - 110		

Lab Sample ID: 880-16698-14 MSD

Matrix: Solid

Analysis Batch: 29393

Client Sample ID: SW-6 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14.5		250	268.9		mg/Kg		102	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

GC VOA

Analysis Batch: 29261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-1	CS-1 (4.5')	Total/NA	Solid	8021B	29304
880-16698-2	CS-2 (2')	Total/NA	Solid	8021B	29304
880-16698-3	CS-3 (2')	Total/NA	Solid	8021B	29304
880-16698-4	CS-4 (2')	Total/NA	Solid	8021B	29304
880-16698-5	CS-5 (2')	Total/NA	Solid	8021B	29304
880-16698-6	CS-6 (2')	Total/NA	Solid	8021B	29304
880-16698-7	CS-7 (2')	Total/NA	Solid	8021B	29304
880-16698-8	CS-8 (2')	Total/NA	Solid	8021B	29304
880-16698-9	SW-1 (4.5')	Total/NA	Solid	8021B	29304
880-16698-10	SW-2 (4.5')	Total/NA	Solid	8021B	29304
MB 880-29280/5-A	Method Blank	Total/NA	Solid	8021B	29280
MB 880-29304/5-A	Method Blank	Total/NA	Solid	8021B	29304
LCS 880-29304/1-A	Lab Control Sample	Total/NA	Solid	8021B	29304
LCSD 880-29304/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	29304
880-16698-1 MS	CS-1 (4.5')	Total/NA	Solid	8021B	29304
880-16698-1 MSD	CS-1 (4.5')	Total/NA	Solid	8021B	29304

Prep Batch: 29280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-29280/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 29304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-1	CS-1 (4.5')	Total/NA	Solid	5035	
880-16698-2	CS-2 (2')	Total/NA	Solid	5035	
880-16698-3	CS-3 (2')	Total/NA	Solid	5035	
880-16698-4	CS-4 (2')	Total/NA	Solid	5035	
880-16698-5	CS-5 (2')	Total/NA	Solid	5035	
880-16698-6	CS-6 (2')	Total/NA	Solid	5035	
880-16698-7	CS-7 (2')	Total/NA	Solid	5035	
880-16698-8	CS-8 (2')	Total/NA	Solid	5035	
880-16698-9	SW-1 (4.5')	Total/NA	Solid	5035	
880-16698-10	SW-2 (4.5')	Total/NA	Solid	5035	
MB 880-29304/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-29304/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-29304/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16698-1 MS	CS-1 (4.5')	Total/NA	Solid	5035	
880-16698-1 MSD	CS-1 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 29358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-11	SW-3 (4.5')	Total/NA	Solid	8021B	29360
880-16698-12	SW-4 (4.5')	Total/NA	Solid	8021B	29360
880-16698-13	SW-5 (2')	Total/NA	Solid	8021B	29360
880-16698-14	SW-6 (2')	Total/NA	Solid	8021B	29360
880-16698-15	SW-7 (2')	Total/NA	Solid	8021B	29360
880-16698-16	SW-8 (2')	Total/NA	Solid	8021B	29360
880-16698-17	SW-9 (2')	Total/NA	Solid	8021B	29360
880-16698-18	SW-10 (2')	Total/NA	Solid	8021B	29360
880-16698-19	SW-11 (2')	Total/NA	Solid	8021B	29360
880-16698-20	SW-12 (2')	Total/NA	Solid	8021B	29360

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QC Association Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

GC VOA (Continued)

Analysis Batch: 29358 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-29360/5-A	Method Blank	Total/NA	Solid	8021B	29360
LCS 880-29360/1-A	Lab Control Sample	Total/NA	Solid	8021B	29360
LCSD 880-29360/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	29360
880-16698-11 MS	SW-3 (4.5')	Total/NA	Solid	8021B	29360
880-16698-11 MSD	SW-3 (4.5')	Total/NA	Solid	8021B	29360

Prep Batch: 29360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-11	SW-3 (4.5')	Total/NA	Solid	5035	
880-16698-12	SW-4 (4.5')	Total/NA	Solid	5035	
880-16698-13	SW-5 (2')	Total/NA	Solid	5035	
880-16698-14	SW-6 (2')	Total/NA	Solid	5035	
880-16698-15	SW-7 (2')	Total/NA	Solid	5035	
880-16698-16	SW-8 (2')	Total/NA	Solid	5035	
880-16698-17	SW-9 (2')	Total/NA	Solid	5035	
880-16698-18	SW-10 (2')	Total/NA	Solid	5035	
880-16698-19	SW-11 (2')	Total/NA	Solid	5035	
880-16698-20	SW-12 (2')	Total/NA	Solid	5035	
MB 880-29360/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-29360/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-29360/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16698-11 MS	SW-3 (4.5')	Total/NA	Solid	5035	
880-16698-11 MSD	SW-3 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 29377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-1	CS-1 (4.5')	Total/NA	Solid	Total BTEX	
880-16698-2	CS-2 (2')	Total/NA	Solid	Total BTEX	
880-16698-3	CS-3 (2')	Total/NA	Solid	Total BTEX	
880-16698-4	CS-4 (2')	Total/NA	Solid	Total BTEX	
880-16698-5	CS-5 (2')	Total/NA	Solid	Total BTEX	
880-16698-6	CS-6 (2')	Total/NA	Solid	Total BTEX	
880-16698-7	CS-7 (2')	Total/NA	Solid	Total BTEX	
880-16698-8	CS-8 (2')	Total/NA	Solid	Total BTEX	
880-16698-9	SW-1 (4.5')	Total/NA	Solid	Total BTEX	
880-16698-10	SW-2 (4.5')	Total/NA	Solid	Total BTEX	
880-16698-11	SW-3 (4.5')	Total/NA	Solid	Total BTEX	
880-16698-12	SW-4 (4.5')	Total/NA	Solid	Total BTEX	
880-16698-13	SW-5 (2')	Total/NA	Solid	Total BTEX	
880-16698-14	SW-6 (2')	Total/NA	Solid	Total BTEX	
880-16698-15	SW-7 (2')	Total/NA	Solid	Total BTEX	
880-16698-16	SW-8 (2')	Total/NA	Solid	Total BTEX	
880-16698-17	SW-9 (2')	Total/NA	Solid	Total BTEX	
880-16698-18	SW-10 (2')	Total/NA	Solid	Total BTEX	
880-16698-19	SW-11 (2')	Total/NA	Solid	Total BTEX	
880-16698-20	SW-12 (2')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

GC Semi VOA

Prep Batch: 29338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-1	CS-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-16698-2	CS-2 (2')	Total/NA	Solid	8015NM Prep	
880-16698-3	CS-3 (2')	Total/NA	Solid	8015NM Prep	
880-16698-4	CS-4 (2')	Total/NA	Solid	8015NM Prep	
880-16698-5	CS-5 (2')	Total/NA	Solid	8015NM Prep	
880-16698-6	CS-6 (2')	Total/NA	Solid	8015NM Prep	
880-16698-7	CS-7 (2')	Total/NA	Solid	8015NM Prep	
880-16698-8	CS-8 (2')	Total/NA	Solid	8015NM Prep	
880-16698-9	SW-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-16698-10	SW-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-16698-11	SW-3 (4.5')	Total/NA	Solid	8015NM Prep	
880-16698-12	SW-4 (4.5')	Total/NA	Solid	8015NM Prep	
880-16698-13	SW-5 (2')	Total/NA	Solid	8015NM Prep	
880-16698-14	SW-6 (2')	Total/NA	Solid	8015NM Prep	
880-16698-15	SW-7 (2')	Total/NA	Solid	8015NM Prep	
880-16698-16	SW-8 (2')	Total/NA	Solid	8015NM Prep	
880-16698-17	SW-9 (2')	Total/NA	Solid	8015NM Prep	
880-16698-18	SW-10 (2')	Total/NA	Solid	8015NM Prep	
880-16698-19	SW-11 (2')	Total/NA	Solid	8015NM Prep	
880-16698-20	SW-12 (2')	Total/NA	Solid	8015NM Prep	
MB 880-29338/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-29338/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-29338/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-16698-1 MS	CS-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-16698-1 MSD	CS-1 (4.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 29361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-1	CS-1 (4.5')	Total/NA	Solid	8015B NM	29338
880-16698-2	CS-2 (2')	Total/NA	Solid	8015B NM	29338
880-16698-3	CS-3 (2')	Total/NA	Solid	8015B NM	29338
880-16698-4	CS-4 (2')	Total/NA	Solid	8015B NM	29338
880-16698-5	CS-5 (2')	Total/NA	Solid	8015B NM	29338
880-16698-6	CS-6 (2')	Total/NA	Solid	8015B NM	29338
880-16698-7	CS-7 (2')	Total/NA	Solid	8015B NM	29338
880-16698-8	CS-8 (2')	Total/NA	Solid	8015B NM	29338
880-16698-9	SW-1 (4.5')	Total/NA	Solid	8015B NM	29338
880-16698-10	SW-2 (4.5')	Total/NA	Solid	8015B NM	29338
880-16698-11	SW-3 (4.5')	Total/NA	Solid	8015B NM	29338
880-16698-12	SW-4 (4.5')	Total/NA	Solid	8015B NM	29338
880-16698-13	SW-5 (2')	Total/NA	Solid	8015B NM	29338
880-16698-14	SW-6 (2')	Total/NA	Solid	8015B NM	29338
880-16698-15	SW-7 (2')	Total/NA	Solid	8015B NM	29338
880-16698-16	SW-8 (2')	Total/NA	Solid	8015B NM	29338
880-16698-17	SW-9 (2')	Total/NA	Solid	8015B NM	29338
880-16698-18	SW-10 (2')	Total/NA	Solid	8015B NM	29338
880-16698-19	SW-11 (2')	Total/NA	Solid	8015B NM	29338
880-16698-20	SW-12 (2')	Total/NA	Solid	8015B NM	29338
MB 880-29338/1-A	Method Blank	Total/NA	Solid	8015B NM	29338
LCS 880-29338/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	29338
LCSD 880-29338/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	29338

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QC Association Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

GC Semi VOA (Continued)

Analysis Batch: 29361 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-1 MS	CS-1 (4.5')	Total/NA	Solid	8015B NM	29338
880-16698-1 MSD	CS-1 (4.5')	Total/NA	Solid	8015B NM	29338

Analysis Batch: 29379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-1	CS-1 (4.5')	Total/NA	Solid	8015 NM	
880-16698-2	CS-2 (2')	Total/NA	Solid	8015 NM	
880-16698-3	CS-3 (2')	Total/NA	Solid	8015 NM	
880-16698-4	CS-4 (2')	Total/NA	Solid	8015 NM	
880-16698-5	CS-5 (2')	Total/NA	Solid	8015 NM	
880-16698-6	CS-6 (2')	Total/NA	Solid	8015 NM	
880-16698-7	CS-7 (2')	Total/NA	Solid	8015 NM	
880-16698-8	CS-8 (2')	Total/NA	Solid	8015 NM	
880-16698-9	SW-1 (4.5')	Total/NA	Solid	8015 NM	
880-16698-10	SW-2 (4.5')	Total/NA	Solid	8015 NM	
880-16698-11	SW-3 (4.5')	Total/NA	Solid	8015 NM	
880-16698-12	SW-4 (4.5')	Total/NA	Solid	8015 NM	
880-16698-13	SW-5 (2')	Total/NA	Solid	8015 NM	
880-16698-14	SW-6 (2')	Total/NA	Solid	8015 NM	
880-16698-15	SW-7 (2')	Total/NA	Solid	8015 NM	
880-16698-16	SW-8 (2')	Total/NA	Solid	8015 NM	
880-16698-17	SW-9 (2')	Total/NA	Solid	8015 NM	
880-16698-18	SW-10 (2')	Total/NA	Solid	8015 NM	
880-16698-19	SW-11 (2')	Total/NA	Solid	8015 NM	
880-16698-20	SW-12 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 29300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-1	CS-1 (4.5')	Soluble	Solid	DI Leach	
880-16698-2	CS-2 (2')	Soluble	Solid	DI Leach	
880-16698-3	CS-3 (2')	Soluble	Solid	DI Leach	
MB 880-29300/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-29300/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-29300/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16697-A-31-G MS	Matrix Spike	Soluble	Solid	DI Leach	
880-16697-A-31-H MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 29301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-4	CS-4 (2')	Soluble	Solid	DI Leach	
880-16698-5	CS-5 (2')	Soluble	Solid	DI Leach	
880-16698-6	CS-6 (2')	Soluble	Solid	DI Leach	
880-16698-7	CS-7 (2')	Soluble	Solid	DI Leach	
880-16698-8	CS-8 (2')	Soluble	Solid	DI Leach	
880-16698-9	SW-1 (4.5')	Soluble	Solid	DI Leach	
880-16698-10	SW-2 (4.5')	Soluble	Solid	DI Leach	
880-16698-11	SW-3 (4.5')	Soluble	Solid	DI Leach	
880-16698-12	SW-4 (4.5')	Soluble	Solid	DI Leach	
880-16698-13	SW-5 (2')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

HPLC/IC (Continued)

Leach Batch: 29301 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-14	SW-6 (2')	Soluble	Solid	DI Leach	
880-16698-15	SW-7 (2')	Soluble	Solid	DI Leach	
880-16698-16	SW-8 (2')	Soluble	Solid	DI Leach	
880-16698-17	SW-9 (2')	Soluble	Solid	DI Leach	
880-16698-18	SW-10 (2')	Soluble	Solid	DI Leach	
880-16698-19	SW-11 (2')	Soluble	Solid	DI Leach	
880-16698-20	SW-12 (2')	Soluble	Solid	DI Leach	
MB 880-29301/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-29301/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-29301/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16698-4 MS	CS-4 (2')	Soluble	Solid	DI Leach	
880-16698-4 MSD	CS-4 (2')	Soluble	Solid	DI Leach	
880-16698-14 MS	SW-6 (2')	Soluble	Solid	DI Leach	
880-16698-14 MSD	SW-6 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 29390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-1	CS-1 (4.5')	Soluble	Solid	300.0	29300
880-16698-2	CS-2 (2')	Soluble	Solid	300.0	29300
880-16698-3	CS-3 (2')	Soluble	Solid	300.0	29300
MB 880-29300/1-A	Method Blank	Soluble	Solid	300.0	29300
LCS 880-29300/2-A	Lab Control Sample	Soluble	Solid	300.0	29300
LCSD 880-29300/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	29300
880-16697-A-31-G MS	Matrix Spike	Soluble	Solid	300.0	29300
880-16697-A-31-H MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	29300

Analysis Batch: 29393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-4	CS-4 (2')	Soluble	Solid	300.0	29301
880-16698-5	CS-5 (2')	Soluble	Solid	300.0	29301
880-16698-6	CS-6 (2')	Soluble	Solid	300.0	29301
880-16698-7	CS-7 (2')	Soluble	Solid	300.0	29301
880-16698-8	CS-8 (2')	Soluble	Solid	300.0	29301
880-16698-9	SW-1 (4.5')	Soluble	Solid	300.0	29301
880-16698-10	SW-2 (4.5')	Soluble	Solid	300.0	29301
880-16698-11	SW-3 (4.5')	Soluble	Solid	300.0	29301
880-16698-12	SW-4 (4.5')	Soluble	Solid	300.0	29301
880-16698-13	SW-5 (2')	Soluble	Solid	300.0	29301
880-16698-14	SW-6 (2')	Soluble	Solid	300.0	29301
880-16698-15	SW-7 (2')	Soluble	Solid	300.0	29301
880-16698-16	SW-8 (2')	Soluble	Solid	300.0	29301
880-16698-17	SW-9 (2')	Soluble	Solid	300.0	29301
880-16698-18	SW-10 (2')	Soluble	Solid	300.0	29301
880-16698-19	SW-11 (2')	Soluble	Solid	300.0	29301
880-16698-20	SW-12 (2')	Soluble	Solid	300.0	29301
MB 880-29301/1-A	Method Blank	Soluble	Solid	300.0	29301
LCS 880-29301/2-A	Lab Control Sample	Soluble	Solid	300.0	29301
LCSD 880-29301/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	29301
880-16698-4 MS	CS-4 (2')	Soluble	Solid	300.0	29301
880-16698-4 MSD	CS-4 (2')	Soluble	Solid	300.0	29301
880-16698-14 MS	SW-6 (2')	Soluble	Solid	300.0	29301

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QC Association Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

HPLC/IC (Continued)

Analysis Batch: 29393 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16698-14 MSD	SW-6 (2')	Soluble	Solid	300.0	29301

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Lab Chronicle

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: CS-1 (4.5')

Lab Sample ID: 880-16698-1

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	29304	07/08/22 12:59	EL	XEN MID
Total/NA	Analysis	8021B		1			29261	07/09/22 02:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 17:21	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	29300	07/08/22 12:28	SMC	XEN MID
Soluble	Analysis	300.0		1			29390	07/10/22 12:08	CH	XEN MID

Client Sample ID: CS-2 (2')

Lab Sample ID: 880-16698-2

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	29304	07/08/22 12:59	EL	XEN MID
Total/NA	Analysis	8021B		1			29261	07/09/22 02:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 18:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	29300	07/08/22 12:28	SMC	XEN MID
Soluble	Analysis	300.0		1			29390	07/10/22 12:16	CH	XEN MID

Client Sample ID: CS-3 (2')

Lab Sample ID: 880-16698-3

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	29304	07/08/22 12:59	EL	XEN MID
Total/NA	Analysis	8021B		1			29261	07/09/22 03:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 18:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	29300	07/08/22 12:28	SMC	XEN MID
Soluble	Analysis	300.0		1			29390	07/10/22 12:24	CH	XEN MID

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-16698-4

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	29304	07/08/22 12:59	EL	XEN MID
Total/NA	Analysis	8021B		1			29261	07/09/22 03:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-16698-4

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 19:07	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 19:15	CH	XEN MID

Client Sample ID: CS-5 (2')

Lab Sample ID: 880-16698-5

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	29304	07/08/22 12:59	EL	XEN MID
Total/NA	Analysis	8021B		1			29261	07/09/22 03:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 19:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 19:39	CH	XEN MID

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-16698-6

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	29304	07/08/22 12:59	EL	XEN MID
Total/NA	Analysis	8021B		1			29261	07/09/22 04:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 19:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 19:47	CH	XEN MID

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-16698-7

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	29304	07/08/22 12:59	EL	XEN MID
Total/NA	Analysis	8021B		1			29261	07/09/22 04:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 20:10	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-16698-7

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 19:54	CH	XEN MID

Client Sample ID: CS-8 (2')

Lab Sample ID: 880-16698-8

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	29304	07/08/22 12:59	EL	XEN MID
Total/NA	Analysis	8021B		1			29261	07/09/22 05:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 20:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 20:02	CH	XEN MID

Client Sample ID: SW-1 (4.5')

Lab Sample ID: 880-16698-9

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	29304	07/08/22 12:59	EL	XEN MID
Total/NA	Analysis	8021B		1			29261	07/09/22 05:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 20:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		5			29393	07/09/22 20:26	CH	XEN MID

Client Sample ID: SW-2 (4.5')

Lab Sample ID: 880-16698-10

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	29304	07/08/22 12:59	EL	XEN MID
Total/NA	Analysis	8021B		1			29261	07/09/22 06:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 21:14	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		5			29393	07/09/22 20:34	CH	XEN MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: SW-3 (4.5')

Lab Sample ID: 880-16698-11

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	29360	07/09/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29358	07/10/22 03:42	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 21:57	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		5			29393	07/09/22 20:42	CH	XEN MID

Client Sample ID: SW-4 (4.5')

Lab Sample ID: 880-16698-12

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	29360	07/09/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29358	07/10/22 04:02	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 22:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		5			29393	07/09/22 20:50	CH	XEN MID

Client Sample ID: SW-5 (2')

Lab Sample ID: 880-16698-13

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	29360	07/09/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29358	07/10/22 04:23	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 22:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		5			29393	07/09/22 20:58	CH	XEN MID

Client Sample ID: SW-6 (2')

Lab Sample ID: 880-16698-14

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	29360	07/09/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29358	07/10/22 04:43	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: SW-6 (2')

Date Collected: 07/08/22 00:00

Date Received: 07/08/22 11:43

Lab Sample ID: 880-16698-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 23:01	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 21:05	CH	XEN MID

Client Sample ID: SW-7 (2')

Date Collected: 07/08/22 00:00

Date Received: 07/08/22 11:43

Lab Sample ID: 880-16698-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	29360	07/09/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29358	07/10/22 05:03	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 23:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 21:29	CH	XEN MID

Client Sample ID: SW-8 (2')

Date Collected: 07/08/22 00:00

Date Received: 07/08/22 11:43

Lab Sample ID: 880-16698-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	29360	07/09/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29358	07/10/22 05:24	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/10/22 23:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 21:37	CH	XEN MID

Client Sample ID: SW-9 (2')

Date Collected: 07/08/22 00:00

Date Received: 07/08/22 11:43

Lab Sample ID: 880-16698-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	29360	07/09/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29358	07/10/22 05:44	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/11/22 00:03	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Client Sample ID: SW-9 (2')

Lab Sample ID: 880-16698-17

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 22:00	CH	XEN MID

Client Sample ID: SW-10 (2')

Lab Sample ID: 880-16698-18

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	29360	07/09/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29358	07/10/22 06:05	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/11/22 00:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 22:08	CH	XEN MID

Client Sample ID: SW-11 (2')

Lab Sample ID: 880-16698-19

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	29360	07/09/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29358	07/10/22 06:25	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/11/22 00:44	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 22:16	CH	XEN MID

Client Sample ID: SW-12 (2')

Lab Sample ID: 880-16698-20

Date Collected: 07/08/22 00:00

Matrix: Solid

Date Received: 07/08/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	29360	07/09/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29358	07/10/22 06:46	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			29377	07/11/22 07:55	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29379	07/11/22 08:21	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	29338	07/08/22 16:14	AM	XEN MID
Total/NA	Analysis	8015B NM		1			29361	07/11/22 01:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	29301	07/08/22 12:31	SMC	XEN MID
Soluble	Analysis	300.0		1			29393	07/09/22 22:24	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Eurofins Midland

Method Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Pegasus 3 FC CTB

Job ID: 880-16698-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-16698-1	CS-1 (4.5')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-2	CS-2 (2')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-3	CS-3 (2')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-4	CS-4 (2')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-5	CS-5 (2')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-6	CS-6 (2')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-7	CS-7 (2')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-8	CS-8 (2')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-9	SW-1 (4.5')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-10	SW-2 (4.5')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-11	SW-3 (4.5')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-12	SW-4 (4.5')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-13	SW-5 (2')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-14	SW-6 (2')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-15	SW-7 (2')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-16	SW-8 (2')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-17	SW-9 (2')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-18	SW-10 (2')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-19	SW-11 (2')	Solid	07/08/22 00:00	07/08/22 11:43
880-16698-20	SW-12 (2')	Solid	07/08/22 00:00	07/08/22 11:43

Work Order No: 14698

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Project Manager	Ashton Thielke	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79706
Phone	432-813-6823	Email	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST ☐ PPR ☐ Ironfields ☐ BRC ☐ Sperrund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name	Pegasus 3 FC CTB	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number	1060	☐ Routine	☒ Rush													None, NO	DI Water, H ₂ O
Project Location	Lea Co, NM	Due Date	24 Hrs													Cool, Cool	MeOH, Me
Sampler's Name	AT															HCL, HC	HNO ₃ , HN
PO #															H ₂ SO ₄ , H ₂	NaOH, Na	
SAMPLE RECEIPT	Temp Blank: Yes ☒ No ☐	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐											H ₃ PO ₄ , HP		
Received Intact:	Yes ☒ No ☐	Thermometer ID	Correction Factor												NaHSO ₄ , NABIS		
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading													Na ₂ S ₂ O ₃ , NaSO ₃		
Sample Custody Seals:	Yes ☒ No ☐ N/A	Corrected Temperature													Zn Acetate+NaOH, Zn		
Total Containers:															NaOH+Ascorbic Acid, SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
CS-1 (4 5)	7/8/2022		X		Comp	1	X	X	X								
CS-2 (2)	7/8/2022		X		Comp	1	X	X	X								
CS-3 (2)	7/8/2022		X		Comp	1	X	X	X								
CS-4 (2)	7/8/2022		X		Comp	1	X	X	X								
CS-5 (2)	7/8/2022		X		Comp	1	X	X	X								
CS-6 (2)	7/8/2022		X		Comp	1	X	X	X								
CS-7 (2)	7/8/2022		X		Comp	1	X	X	X								
CS-8 (2)	7/8/2022		X		Comp	1	X	X	X								
SW-1 (4 5)	7/8/2022		X		Comp	1	X	X	X								
SW-2 (4 5)	7/8/2022		X		Comp	1	X	X	X								



880-16698 Chain of Custody

Comments:

Email to: Mike Carmona Mcarmona@carmonaresources.com

Relinquished by (Signature)

Date/Time

Received by (Signature)

Date/Time

Work Order No: 106993

7/11/2022

Page 2 of 2

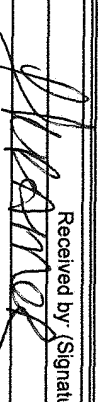
Project Manager	Ashlon Thielke	Bill to: (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland Texas 79706
Phone	432-813-6823	Email	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST ☐ PRR ☐ Brownfields ☐ RC ☐ Iperfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name	Pegasus 3 FCC CTB	Turn Around	☐ Routine ☒ Rush	Due Date	24 Hrs	Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number	1060																			None NO	DI Water H ₂ O
Project Location	Lea Co. NM																			Cool Cool	MeOH Me
Sampler's Name	AT																			HCL HC	HNO ₃ HN
PO #																				H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No																H ₃ PO ₄ HP	
Received Intact	Yes No	Thermometer ID																		NaHSO ₄ NABIS	
Cooler Custody Seals	Yes No N/A	Correction Factor																		Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes No N/A	Temperature Reading																		Zn Acetate+NaOH Zn	
Total Containers		Corrected Temperature																		NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
SW-3 (4 5)	7/8/2022		X		Comp	1	BTEX 8021B												Loc: 880 16698	
SW-4 (4 5)	7/8/2022		X		Comp	1	TPH 8015M (GRO + DRO + MRO)													
SW-5 (2)	7/8/2022		X		Comp	1	Chloride 300.0													
SW-6 (2)	7/8/2022		X		Comp	1														
SW-7 (2)	7/8/2022		X		Comp	1														
SW-8 (2)	7/8/2022		X		Comp	1														
SW-9 (2)	7/8/2022		X		Comp	1														
SW-10 (2)	7/8/2022		X		Comp	1														
SW-11 (2)	7/8/2022		X		Comp	1														
SW-12 (2)	7/8/2022		X		Comp	1														

Comments: Email to: Mike Carmona Mearmone@carmonarresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	7/8/22		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-16698-1

Login Number: 16698

List Source: Eurofins Midland

List Number: 1

Creator: Kramer, Jessica

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

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 125337

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 125337
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	7/19/2022