



## SITE INFORMATION

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**Work Plan**  
**Green Drake 16 Fed Com #402H**  
**Lea County, New Mexico**  
**Incident ID: NAPP2222251300**  
**Unit I Sec 16 T25S R33E**  
**32.129780°, -103.572726°**

**Reuse Water Release**  
**Point of Release: Pump Down Tanks**  
**Release Date: 08/02/2022**  
**Volume Released: 5 barrels of Reuse Water**  
**Volume Recovered: 2 barrels of Reuse Water**

**CARMONA RESOURCES**



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

**Prepared by:**  
**Carmona Resources, LLC**  
**310 West Wall Street**  
**Suite 500**  
**Midland, Texas 79701**

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February 1, 2023

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

**Re: Work Plan  
Green Drake 16 Fed Com #402H  
EOG Resources Inc.  
Incident # NAPP2222251300  
Site Location: Unit I, S16, T25S, R33E  
(Lat 32.129780°, Long -103.572726°)  
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 Green Drake 16 Fed Com #402H. This site is located at 32.129780°, -103.572726° within Unit I, S16, T25S, R33E, 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 August 2, 2022, due to a digital tank level gauge failure causing a pump-down tank overflow. It resulted in the release of approximately five (5) barrels of reuse water, and two (2) barrels of reuse water were recovered. The impacted area occurred on the pad. See 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, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.69 miles Southwest of the site in S20, T25S, R33E and was drilled in 1981. The well has a reported depth to groundwater of 204.36' below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

On January 3, 2023, H&R Enterprises, LLC was onsite to drill a groundwater determination bore to 60' below ground surface and within a 0.50-mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 60' below the surface. The coordinates for the groundwater determination bore are 32.130188, -103.572554. See Appendix D for the log.

### **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.

310 West Wall Street, Suite 500  
Midland, Texas 79701  
432.813.1992



- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO+DRO).
- Chloride: 10,000 mg/kg.

#### **4.0 Site Assessment Activities**

##### **Trenching Activities**

On November 3, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. Four (4) trenches and four (4) horizontal samples were advanced to depths ranging from the surface to 8' bgs inside the release area to assess the vertical and horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix D. See Table 1 for the analytical results.

##### **Vertical Delineation**

Vertical delineation was achieved for Trenches (T-1, T-2, T-3, and T-4), all below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

##### **Horizontal Delineation**

The areas of H-1 through H-4 were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

#### **5.0 Proposed Work Plan**

Based on the analytical data detected for TPH and chloride concentrations, EOG proposes to remediate the areas shown in Figure 4 and highlighted (blue) in Table 1.

- The areas of T-1, T-2, and T-4 will be excavated to a depth of 4.5' below the surface and backfilled with clean material to grade.
- The area of T-3 will be excavated to a depth of 2' below the surface and backfilled with clean material to grade.
- An estimated 315 cubic yards are to be removed and hauled to the nearest disposal.
- The samples collected will be analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0.



- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. The remediation will be implemented 90 days after the work plan is approved.

### **6.0 Conclusions**

Upon completion, a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). If you have any questions regarding this report or need additional information, don't hesitate to contact us at 432-813-1992.

Sincerely,

**Carmona Resources, LLC**

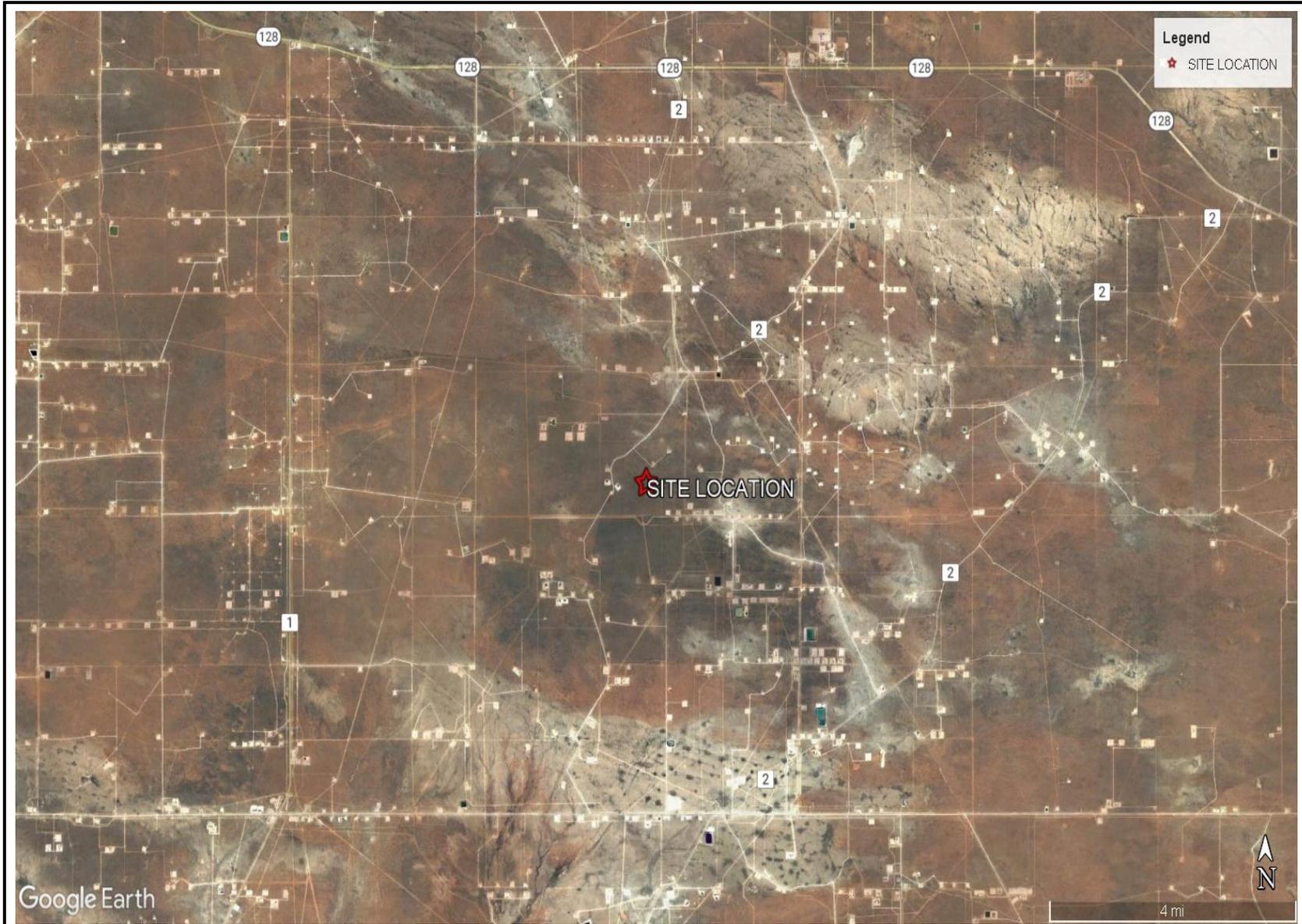
Mike Carmona  
Environmental Manager

Conner Moehring  
Sr. Project Manager

# FIGURES

CARMONA RESOURCES

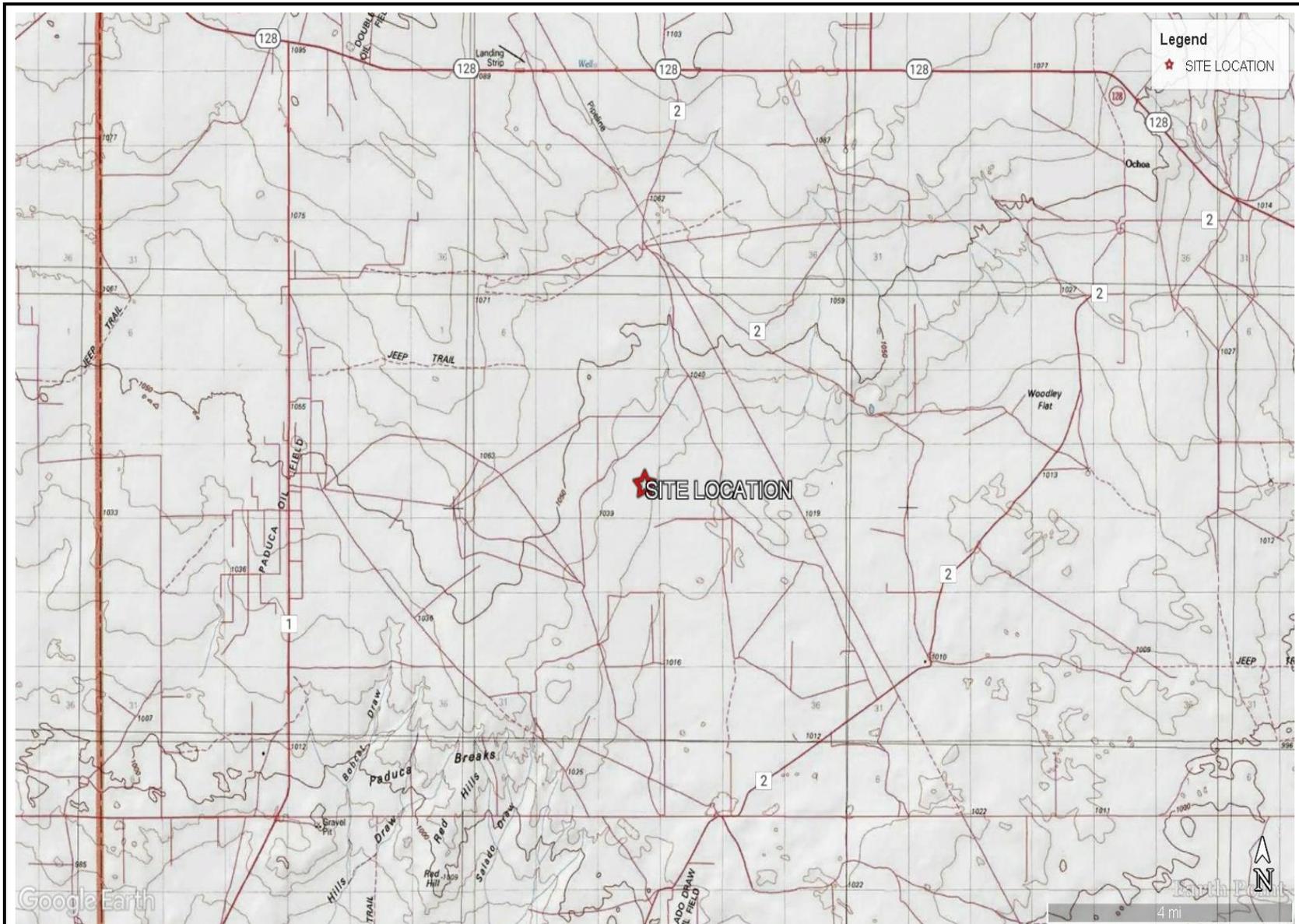




OVERVIEW MAP  
EOG RESOURCES  
GREEN DRAKE 16 FED COM #402H  
LEA COUNTY, NEW MEXICO  
32.129780, -103.572726



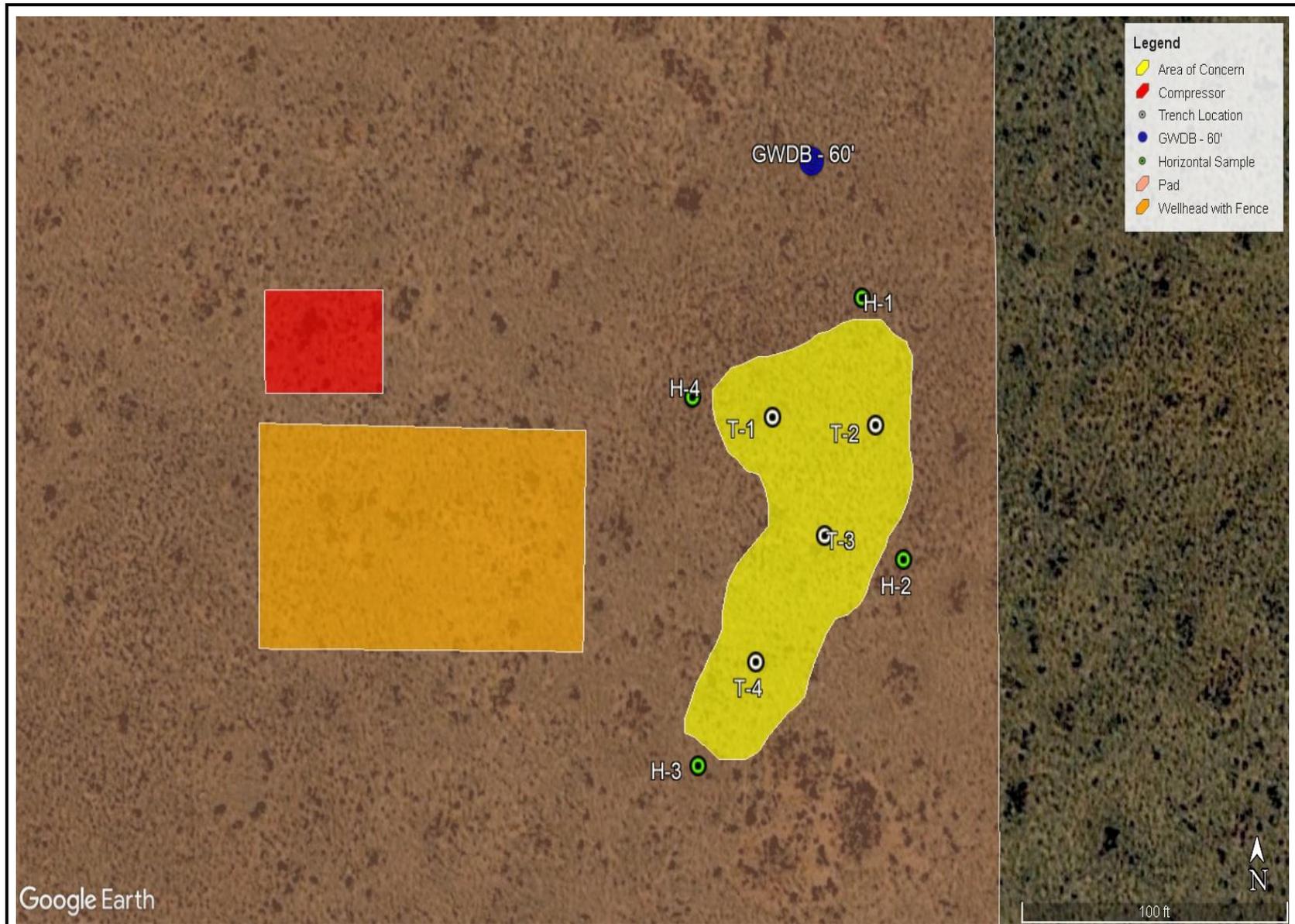
FIGURE 1



TOPOGRAPHIC MAP  
EOG RESOURCES  
GREEN DRAKE 16 FED COM #402H  
LEA COUNTY, NEW MEXICO  
32.129780, -103.572726



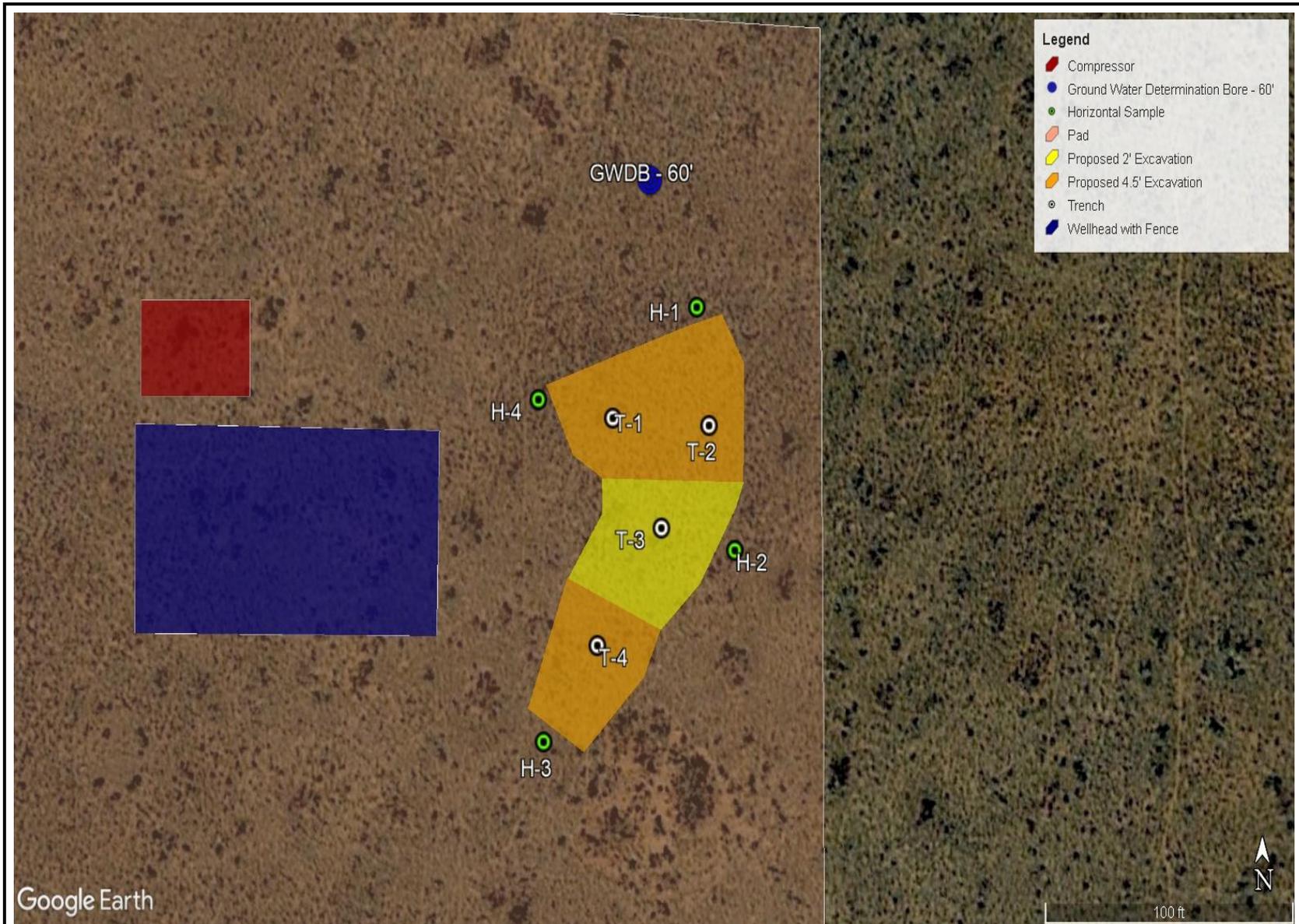
FIGURE 2



SAMPLE LOCATION MAP  
EOG RESOURCES  
GREEN DRAKE 16 FED COM #402H  
LEA COUNTY, NEW MEXICO  
32.129780, -103.572726



FIGURE 3



PROPOSED EXCAVATION MAP  
EOG RESOURCES  
GREEN DRAKE 16 FED COM #402H  
LEA COUNTY, NEW MEXICO  
32.129780, -103.572726



FIGURE 4

# APPENDIX A

CARMONA RESOURCES



**Table 1  
EOG  
Green Drake Fed Com 402H  
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	MRO	Total						
T-1	11/3/2022	0-1	<10.0	133	45.2	178	<0.050	<0.050	<0.050	<0.150	<0.300	34,400
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,360
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,600
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,840
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,160
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,600
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,760
	"	7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
T-2	11/3/2022	0-1	<10.0	50.6	12.8	63.4	<0.050	<0.050	<0.050	<0.150	<0.300	52,800
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,270
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,720
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,720
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,160
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,560
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,440
	"	7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,950
	"	8.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
T-3	11/3/2022	0-1	<10.0	560	346	906	<0.050	<0.050	<0.050	<0.150	<0.300	24,800
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,220
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
T-4	11/3/2022	0-1	<10.0	342	213	555	<0.050	<0.050	<0.050	<0.150	<0.300	9,120
		1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,980
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,040
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,840
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,200
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
H-1	11/3/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	11/3/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-3	11/3/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-4	11/3/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
<b>Regulatory Criteria<sup>A</sup></b>			1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	10,000 mg/kg

(-) Not Analyzed  
<sup>A</sup> - Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH- Total Petroleum Hydrocarbons  
 ft-feet  
 (T) Trench  
 (H) Horizontal  
 Proposed Excavation

## APPENDIX B

CARMONA RESOURCES



# PHOTOGRAPHIC LOG

EOG Resources, Inc

## Photograph No. 1

**Facility:** Green Drake 16 Fed Com #402H

**County:** Lea County, New Mexico

**Description:**  
View West, area of T-1 and T-2.



## Photograph No. 2

**Facility:** Green Drake 16 Fed Com #402H

**County:** Lea County, New Mexico

**Description:**  
View North, area of T-3.



## Photograph No. 3

**Facility:** Green Drake 16 Fed Com #402H

**County:** Lea County, New Mexico

**Description:**  
View West, area of T-4.



## 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

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

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

Incident ID	nAPP2222251300
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) nAPP2222251300
Contact mailing address 5509 Champions Drive Midland, TX 79706	

### Location of Release Source

Latitude 32.129780° Longitude -103.572726°  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name Green Drake 16 Fed Com #402H	Site Type Well Pad
Date Release Discovered 8/2/22	API# (if applicable)

Unit Letter	Section	Township	Range	County
I	16	25S	33E	Lea

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Reuse Water	Volume Released (bbls) 5	Volume Recovered (bbls) 2
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The digital tank level gauge failed. The wrong measurement caused the operator to fill and overflow the pump down tanks. This released approximately 5 bbls of treated reuse water on the pad with 2 bbls recovered.

State of New Mexico  
Oil Conservation Division

Incident ID	NAPP2222251300
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Todd Wells</u> Title: <u>Environmental Specialist</u> Signature: <u>Todd Wells</u> Date: <u>8/10/22</u> email: <u>Todd_Wells@eogresources.com</u> Telephone: <u>(432) 686-3613</u>
<b><u>OCD Only</u></b> Received by: <u>Jocelyn Harimon</u> Date: <u>08/10/2022</u>

**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 132803

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 132803
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	None	8/10/2022

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

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

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

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

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	
District RP	
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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: Jocelyn Harimon Date: 02/02/2023

Incident ID	
District RP	
Facility ID	
Application ID	

## Remediation Plan

**Remediation Plan Checklist:** Each of the following items must be included in the plan.

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** Each of the following items must be confirmed as part of any request for deferral of remediation.

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Jocelyn Harimon Date: 02/02/2023

- Approved     Approved with Attached Conditions of Approval     Denied     Deferral Approved

Signature: Jennifer Nobui Date: 02/17/2023

FW: [EXTERNAL] EOG - Green Drake 16 Fed Com #402H

 Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>  
11/4/2022 11:18 AM

To: Todd Wells Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Todd

OCD has approved your 90-day extension request to February 2, 2023 to submit your remediation plan/closure request. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,  
Jennifer Nobui

---

**From:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Sent:** Friday, November 4, 2022 9:12 AM  
**To:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>  
**Subject:** Fw: [EXTERNAL] EOG - Green Drake 16 Fed Com #402H

---

**From:** Todd Wells <Todd.Wells@eogresources.com>  
**Sent:** Friday, November 4, 2022 8:47 AM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Subject:** [EXTERNAL] EOG - Green Drake 16 Fed Com #402H

**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning,

This correspondence is to request a ninety day extension of time from the OCD for the reuse water release at the EOG, Green Drake 16 Fed Com #402H, Incident #nAPP2222251300, location in Lea County, New Mexico. Following the release, the completions operations continued for an extended period of weeks on the site for multiple operations on the same pad. The completions operations and equipment at the site prevented access to begin the remediation. The personnel and equipment have moved off the location and remediation activities have started at this site in order to complete the remediation. The requested extension of time is to complete the remediation, write and submit the closure report. Please let us know if you have any questions regarding this site.

Thank you,

Todd Wells  
Environmental Specialist  
Midland Division

 **eogresources**  
5509 Champions Drive  
Midland, TX 79706  
O: (432) 686-3613  
C: (432) 312-7736

## APPENDIX D

CARMONA RESOURCES



# Groundwater

## Determination Bore Map

EOG Resources

### Legend

-  0.50 Mile Radius
-  Green Drake 16 Fed Com 402H
-  GWDB - 60'
-  Pad



GWDB - 60'

Green Drake 16 Fed Com 402H



<b>Project Name :</b>	<b>EOG - Green Drake 402</b>	<b>Date :</b>	<b>Tuesday, January 3, 2023</b>
<b>Project No. :</b>	<b>1170</b>	<b>Sampler :</b>	
<b>Location :</b>	<b>Lea County, New Mexico</b>	<b>Driller :</b>	<b>HR Drilling</b>
<b>Coordinates :</b>	<b>32.130188°, -103.572554°</b>	<b>Method :</b>	<b>Air Rotary</b>
<b>Elevation :</b>	<b>3,391'</b>		

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
0		(0') - Red to light brown very loose, soft silty sand, dry, no organics (SM).		50		(50') - Red to light brown, very loose, soft silty sand, dry, no organics (SM).	
5		(5') - Red to light brown very loose, soft silty sand, dry, no organics (SM).		55		(55') - Red to light brown, very loose, soft silty sand, dry, no organics (SM).	
10		(10') - White to light brown very loose, soft silty sand, with >5% fine, well cemented, angular gravel, dry, no organics (SM).		60		(60') - Red to light brown, very loose, soft silty sand, dry, no organics (SM).	
15		(15') - White to light brown very loose, soft silty sand, with >5% fine, well cemented, angular gravel, dry, no organics (SM).		65			
20		(20') - White to light brown very loose, soft silty sand, with >5% fine, well cemented, angular gravel, dry, no organics (SM).		70			
25		(25') - White to light brown very loose, soft silty sand, with >5% fine, well cemented, angular gravel, dry, no organics (SM).		75			
30		(30') - White to light brown very loose, soft silty sand, with >5% fine, well cemented, angular gravel, dry, no organics (SM).		80			
35		(35') - White to light brown very loose, soft silty sand, with >5% fine, well cemented, angular gravel, dry, no organics (SM).		85			
40		(40') - Red to light brown, very loose, soft silty sand, dry, no organics (SM).		90			
45		(45') - Red to light brown, very loose, soft silty sand, dry, no organics (SM).		95			
50				105			

Comments : Boring terminated at 60' due to borehole collapsing. No groundwater was detected.

# Nearest water well

EOG Resources

**Legend**

-  0.50 Mile Radius
-  1.69 Miles
-  2.06 Miles
-  2.48 Miles
-  2.61 Miles
-  2.87 Miles
-  Green Drake 402
-  NMSEO Water Well
-  USGS Water Well



118.81' - Drilled 2013

CBT 127 Dauntless

EOG rigg

Green Drake 402

185' - Drilled 1993

185' - Drilled 1993

204.36' - Drilled 1981

212.97' - Drilled 1976



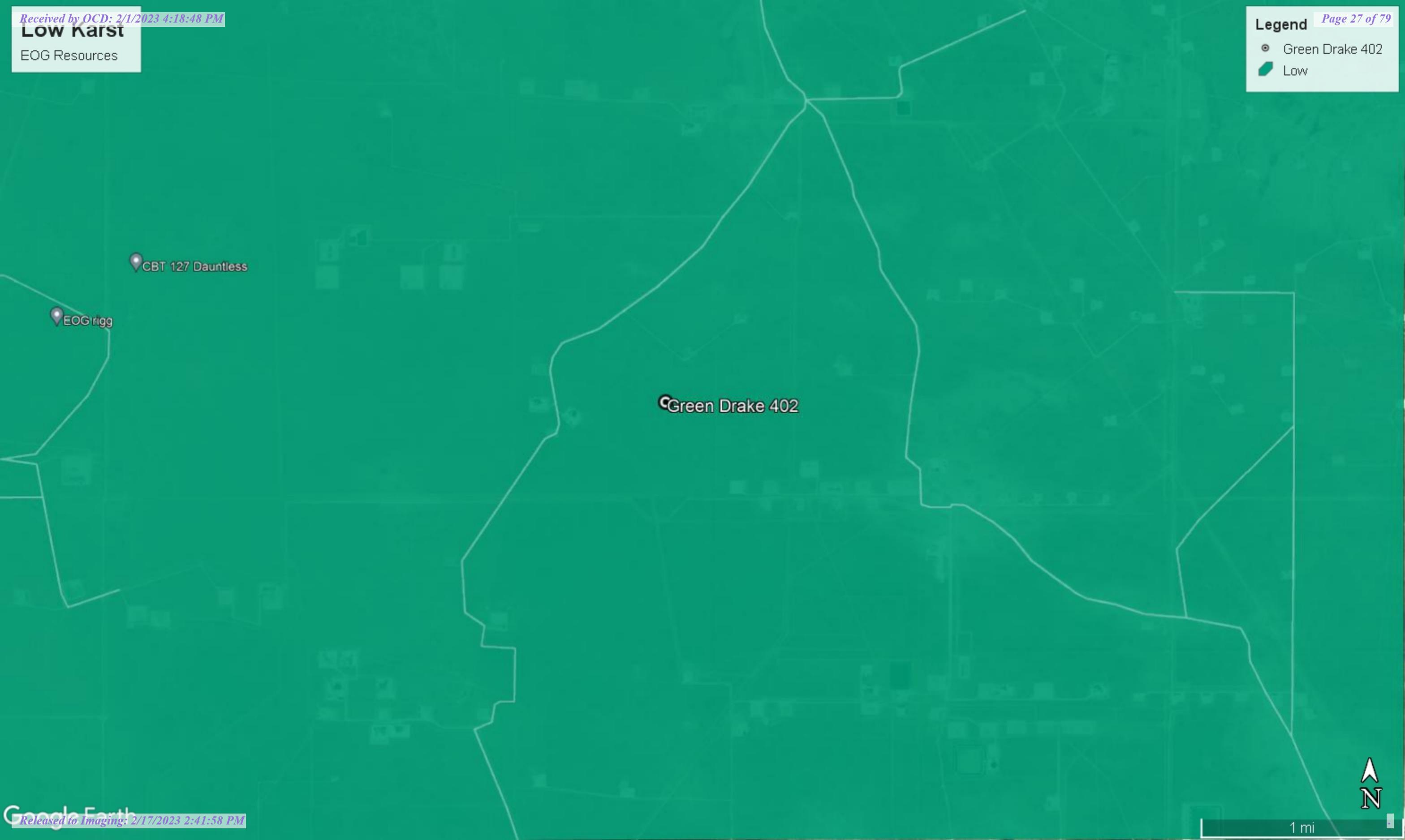
1 mi

# LOW Karst

EOG Resources

## Legend

-  Green Drake 402
-  Low





# 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	Distance	Depth Well	Depth Water	Water Column
<a href="#">C 04627 POD1</a>	CUB	LE	3	3	4	08	25S	33E	632665	3556725		2180			
<a href="#">C 02373 CLW317846</a>	O	CUB	2	1	1	13	25S	33E	638518	3556544*		3989	625	185	440
<a href="#">C 02373 S</a>	CUB	LE	1	2	1	13	25S	33E	638721	3556549*		4189	625	185	440
<a href="#">C 02313</a>	CUB	LE	2	3	3	26	25S	33E	636971	3552098*		4340	150	110	40

Average Depth to Water: **160 feet**  
 Minimum Depth: **110 feet**  
 Maximum Depth: **185 feet**

**Record Count:** 4

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 634610.19

**Northing (Y):** 3555739.81

**Radius:** 4500

\*UTM location was derived from PLSS - see Help

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Agency code = usgs  
 site\_no list = 

- 320631103351401

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

USGS 320631103351401 25S.33E.20.443313

Lea County, New Mexico  
 Latitude 32°06'31", Longitude 103°35'14" NAD27  
 Land-surface elevation 3,398 feet above NAVD88  
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
 This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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 measu
1981-03-25			D 62610		3192.01	NGVD29	1		Z	
1981-03-25			D 62611		3193.64	NAVD88	1		Z	
1981-03-25			D 72019	204.36			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

Section	Code	Description
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
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](#)

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0.28 0.24 nadww02



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Search Results -- 1 sites found

Agency code = usgs  
site\_no list = 

- 320615103352601

Minimum number of levels = 1  
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USGS 320615103352601 25S.33E.20.443331

Lea County, New Mexico  
Latitude 32°06'15", Longitude 103°35'26" NAD27  
Land-surface elevation 3,404 feet above NAVD88  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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 measu
1970-12-08			D 62610		3189.60	NGVD29	1		Z	
1970-12-08			D 62611		3191.23	NAVD88	1		Z	
1970-12-08			D 72019	212.77			1		Z	
1976-01-08			D 62610		3189.40	NGVD29	1		Z	
1976-01-08			D 62611		3191.03	NAVD88	1		Z	
1976-01-08			D 72019	212.97			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

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

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 0.27 0.24 nadww02



# New Mexico Office of the State Engineer

## Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)	
		(quarters are smallest to largest)				X	Y
		Q64	Q16	Q4	Sec	Tws	Rng
C	02373 CLW317846	2	1	1	13	25S	33E
						638518	3556544*

<b>Driller License:</b> 421	<b>Driller Company:</b> GLENN'S WATER WELL SERVICE	
<b>Driller Name:</b>		
<b>Drill Start Date:</b> 09/08/1993	<b>Drill Finish Date:</b> 09/08/1993	<b>Plug Date:</b>
<b>Log File Date:</b>	<b>PCW Rcv Date:</b> 02/09/1996	<b>Source:</b> Shallow
<b>Pump Type:</b> SUBMER	<b>Pipe Discharge Size:</b> 2	<b>Estimated Yield:</b> 60 GPM
<b>Casing Size:</b> 6.63	<b>Depth Well:</b> 625 feet	<b>Depth Water:</b> 185 feet

\*UTM location was derived from PLSS - see Help

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11/2/22 8:34 AM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64 Q16 Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
C	02373 S	1 2 1	13	25S	33E	638721	3556549*

<b>Driller License:</b> 421	<b>Driller Company:</b> GLENN'S WATER WELL SERVICE	
<b>Driller Name:</b>		
<b>Drill Start Date:</b> 09/08/1993	<b>Drill Finish Date:</b> 09/08/1993	<b>Plug Date:</b>
<b>Log File Date:</b>	<b>PCW Rev Date:</b> 02/09/1996	<b>Source:</b> Shallow
<b>Pump Type:</b> SUBMER	<b>Pipe Discharge Size:</b> 2	<b>Estimated Yield:</b> 60 GPM
<b>Casing Size:</b> 6.63	<b>Depth Well:</b> 625 feet	<b>Depth Water:</b> 185 feet

<b>Meter Number:</b> 581	<b>Meter Make:</b> WATERSPECIAL
<b>Meter Serial Number:</b> 9549683	<b>Meter Multiplier:</b> 100.0000
<b>Number of Dials:</b> 6	<b>Meter Type:</b> Diversion
<b>Unit of Measure:</b> Gallons	<b>Return Flow Percent:</b>
<b>Usage Multiplier:</b>	<b>Reading Frequency:</b>

**Meter Readings (in Acre-Feet)**

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
03/31/1999	1999	2206	A	ms		0
06/30/1999	1999	2350	A	ms		0.186
09/30/1999	1999	4567	A	ms		2.858
01/06/2000	1999	6110	A	ms		1.989
05/01/2000	2000	9350	A	mb		0
06/30/2000	2000	10252	A	mb		0.277
10/13/2000	2000	16915	A	RPT		2.045
01/17/2001	2000	33917	A	RPT		5.218
05/17/2001	2001	39208	A	RPT		1.624
06/30/2001	2001	39212	A	RPT		0.001
09/30/2001	2001	48868	A	RPT		2.963
01/03/2002	2002	56680	A	RPT		2.397
06/30/2002	2002	70870	A	RPT		4.355
12/31/2002	2002	112683	A	RPT		12.832
03/31/2003	2003	134871	A	RPT		6.809
06/30/2003	2003	135029	A	RPT		0.048
09/30/2003	2003	139662	A	ab		1.422
12/31/2003	2003	145345	A	ab		1.744
04/05/2004	2004	162284	A	RPT		5.198
10/07/2004	2004	172774	A	tw		3.219
01/01/2005	2004	180237	A	RPT		2.290
04/01/2005	2005	183300	A	RPT		0.940
07/01/2005	2005	183613	A	RPT		0.096
10/10/2005	2005	185173	A	RPT		0.479
01/01/2006	2005	185386	A	RPT		0.065

03/31/2006	2006	186880	A	RPT	0.458
06/30/2006	2006	196667	A	tw	3.004
12/31/2006	2006	205842	A	tw	2.816
04/03/2007	2007	211071	A	RPT	1.605
07/01/2007	2007	211071	A	RPT	0
10/01/2007	2007	211071	A	RPT	0
12/03/2007	2007	211071	A	RPT	0
03/30/2008	2008	211071	A	RPT	0
06/30/2008	2008	211071	A	RPT	0
09/30/2008	2008	211071	A	RPT	0
12/30/2008	2008	211071	A	RPT	0
03/31/2010	2010	109594	R	RPT Meter Rollover	275.747
06/30/2010	2010	156195	A	tw	14.301
09/30/2010	2010	199335	A	RPT	13.239
12/31/2010	2010	231813	A	RPT	9.967
04/01/2011	2011	263630	A	RPT	9.764

x

**YTD Meter Amounts:	Year	Amount
	1999	5.033
	2000	7.540
	2001	4.588
	2002	19.584
	2003	10.023
	2004	10.707
	2005	1.580
	2006	6.278
	2007	1.605
	2008	0
	2010	313.254
	2011	9.764

\*UTM location was derived from PLSS - see Help

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Search Results -- 1 sites found

Agency code = usgs  
site\_no list = 

- 320956103353801

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

USGS 320956103353801 25S.33E.05.12122

Lea County, New Mexico  
Latitude 32°09'59.4", Longitude 103°35'47.2" NAD83  
Land-surface elevation 3,473.00 feet above NGVD29  
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

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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 measu
1981-03-25			D 62610		3365.17	NGVD29	1		Z	
1981-03-25			D 62611		3366.84	NAVD88	1		Z	
1981-03-25			D 72019	107.83			1		Z	
1986-03-12			D 62610		3363.66	NGVD29	1		Z	
1986-03-12			D 62611		3365.33	NAVD88	1		Z	
1986-03-12			D 72019	109.34			1		Z	
1991-06-06			D 62610		3365.42	NGVD29	1		Z	
1991-06-06			D 62611		3367.09	NAVD88	1		Z	
1991-06-06			D 72019	107.58			1		Z	
1996-03-07			D 62610		3364.11	NGVD29	P		S	
1996-03-07			D 62611		3365.78	NAVD88	P		S	
1996-03-07			D 72019	108.89			P		S	
2013-01-17	16:00 UTC		m 62610		3354.19	NGVD29	P		S	USGS

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 measu
2013-01-17	16:00 UTC	m	62611		3355.86	NAVD88	P		S	USGS
2013-01-17	16:00 UTC	m	72019	118.81			P		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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URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

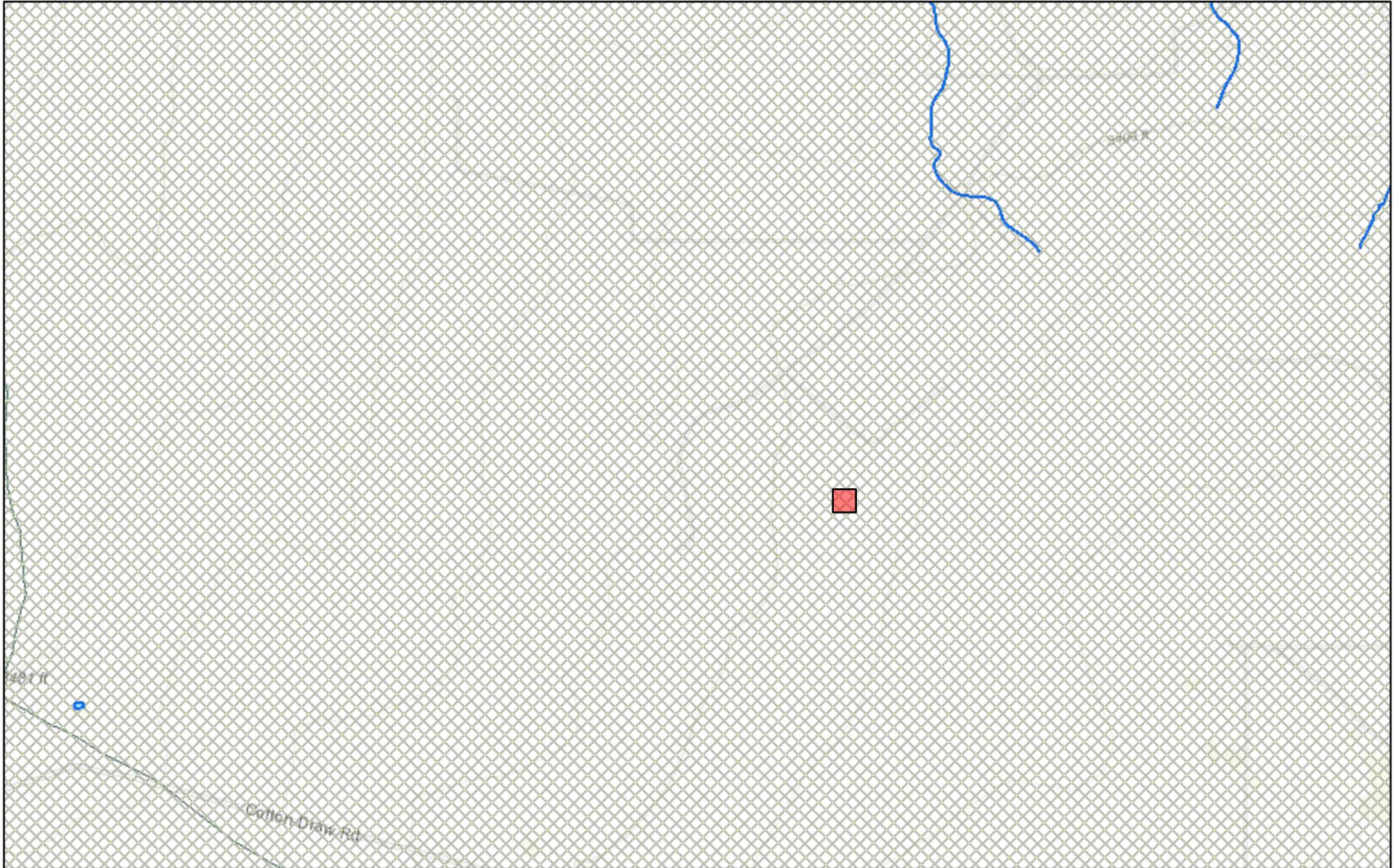


Page Contact Information: [New Mexico Water Data Maintainer](#)

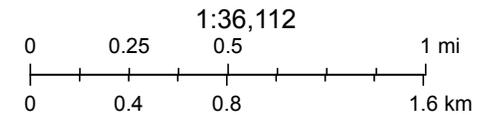
Page Last Modified: 2022-11-02 10:45:59 EDT

0.28 0.24 nadww01

# New Mexico NFHL Data



November 2, 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





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

November 07, 2022

CONNER MOEHRING  
CARMONA RESOURCES  
310 W WALL ST SUITE 415  
MIDLAND, TX 79701

RE: GREEN DRAKE 402

Enclosed are the results of analyses for samples received by the laboratory on 11/03/22 16:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (0-1') (H225211-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>34400</b>	16.0	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
<b>DRO &gt;C10-C28*</b>	<b>133</b>	10.0	11/06/2022	ND	170	84.8	200	6.98	
<b>EXT DRO &gt;C28-C36</b>	<b>45.2</b>	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (1.5') (H225211-02)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40		
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46		
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99		
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12		
Total BTEX	<0.300	0.300	11/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 85.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3360	16.0	11/07/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20		
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98		
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND						

Surrogate: 1-Chlorooctane 79.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.4 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (2') (H225211-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (3') (H225211-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (4') (H225211-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (5') (H225211-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>5600</b>	16.0	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (6') (H225211-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1760</b>	16.0	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 1 (7') (H225211-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	11/07/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 76.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (0-1') (H225211-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>52800</b>	16.0	11/07/2022	ND	416	104	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
<b>DRO &gt;C10-C28*</b>	<b>50.6</b>	10.0	11/06/2022	ND	170	84.8	200	6.98	
<b>EXT DRO &gt;C28-C36</b>	<b>12.8</b>	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (1.5') (H225211-10)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40		
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46		
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99		
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12		
Total BTEX	<0.300	0.300	11/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2270	16.0	11/07/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20		
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98		
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND						

Surrogate: 1-Chlorooctane 80.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (2') (H225211-11)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 83.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.5 % 46.3-178

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (3') (H225211-12)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 83.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (4') (H225211-13)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (5') (H225211-14)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3560	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (6') (H225211-15)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 82.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (7') (H225211-16)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1950	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 85.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.1 % 46.3-178

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 2 (8') (H225211-17)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 74.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 3 (0-1') (H225211-18)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>24800</b>	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20		
<b>DRO &gt;C10-C28*</b>	<b>560</b>	10.0	11/06/2022	ND	170	84.8	200	6.98		
<b>EXT DRO &gt;C28-C36</b>	<b>346</b>	10.0	11/06/2022	ND						

Surrogate: 1-Chlorooctane 84.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 184 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 3 (1.5') (H225211-19)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 80.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 3 (2') (H225211-20)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.95	97.5	2.00	6.40	
Toluene*	<0.050	0.050	11/04/2022	ND	2.09	104	2.00	6.46	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.05	102	2.00	7.99	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.23	104	6.00	9.12	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/06/2022	ND	182	90.9	200	7.20	
DRO >C10-C28*	<10.0	10.0	11/06/2022	ND	170	84.8	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	11/06/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 3 (3') (H225211-21)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 84.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 3 (4') (H225211-22)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.5 % 46.3-178

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 (0-1') (H225211-23)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9120	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	342	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	213	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 71.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 (1.5') (H225211-24)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1980	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 (2') (H225211-25)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 83.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 (3') (H225211-26)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4840	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 (4') (H225211-27)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 82.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 (5') (H225211-28)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	11/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: T - 4 (6') (H225211-29)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17		
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63		
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29		
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60		
Total BTEX	<0.300	0.300	11/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/07/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.3	200	4.18		
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24		
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND						

Surrogate: 1-Chlorooctane 84.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 1 (0-0.5') (H225211-30)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/07/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 2 (0-0.5') (H225211-31)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/07/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 3 (0-0.5') (H225211-32)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/07/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST SUITE 415  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/03/2022	Sampling Date:	11/03/2022
Reported:	11/07/2022	Sampling Type:	Soil
Project Name:	GREEN DRAKE 402	Sampling Condition:	Cool & Intact
Project Number:	1170	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NM		

**Sample ID: H - 4 (0-0.5') (H225211-33)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/04/2022	ND	1.73	86.5	2.00	5.17	
Toluene*	<0.050	0.050	11/04/2022	ND	1.77	88.7	2.00	7.63	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	1.78	89.1	2.00	7.29	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	5.46	91.0	6.00	6.60	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/07/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.5 % 46.3-178

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 11-322 1A45

11-322 1A45

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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, Tx 79706
Phone:	432-813-6823	Email:	Todd Wells@eogresources.com

Program: UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> IRC	<input type="checkbox"/> Deepfund
State of Project:				
Reporting Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> ST/UST	<input type="checkbox"/> RRP	<input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT	<input type="checkbox"/>	Other:	

Project Name:	Green Drake 402	Turn Around	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Due Date:	72 Hrs
Project Number:	1170	Lea County, NM				
Project Location:	Lea County, NM	CRM				
Sampler's Name:	CRM					
PO #:						
<b>SAMPLE RECEIPT</b>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:				
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:				
Total Containers:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:				

Sample Identification	Date	Time	Soil	Water	# of Cont	Parameters			ANALYSIS REQUEST				Preservative Codes	
						BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500						
T-1 (0-1')	11/3/2022		X	Grab/ Comp	1	X	X	X						
T-1 (1.5')	11/3/2022		X	Grab/	1	X	X	X						
T-1 (2')	11/3/2022		X	Grab/	1	X	X	X						
T-1 (3')	11/3/2022		X	Grab/	1	X	X	X						
T-1 (4')	11/3/2022		X	Grab/	1	X	X	X						
T-1 (5')	11/3/2022		X	Grab/	1	X	X	X						
T-1 (6')	11/3/2022		X	Grab/	1	X	X	X						
T-1 (7')	11/3/2022		X	Grab/	1	X	X	X						
T-2 (0-1')	11/3/2022		X	Grab/	1	X	X	X						
T-2 (1.5')	11/3/2022		X	Grab/	1	X	X	X						

Comments: Email to Mike Carmona / Mccarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	11-3-22 1A45	<i>Sharon A. ...</i>	





Chain of Custody

Work Order No: 1120521

Page 4 of 4

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, Tx 79706
Phone:	432-813-6823	Email:	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Pertund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	
T-4 (5)	11/3/2022		X		Grab/	1	X	X	X	None: NO DI Water: H <sub>2</sub> O
T-4 (6)	11/3/2022		X		Grab/	1	X	X	X	Cool: Cool MeOH: Me
H-1 (0-0.5')	11/3/2022		X		Grab/	1	X	X	X	HCL: HC HNO <sub>3</sub> : HN
H-2 (0-0.5')	11/3/2022		X		Grab/	1	X	X	X	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na
H-3 (0-0.5')	11/3/2022				Grab/	1	X	X	X	H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS
H-4 (0-0.5')	11/3/2022				Grab/	1	X	X	X	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	11-3-22 1645	<i>Conner Moehring</i>	

**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 181844

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 181844
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved with Conditions. Composite confirmation samples will be collected from the bottom and sidewalls of the excavation from areas representing no more than two hundred (200) square feet. Sidewall samples should be delineated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release, regardless of depth to groundwater.	2/17/2023