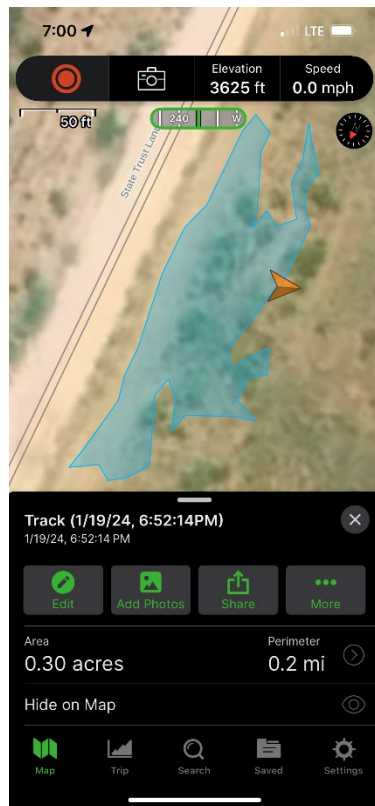


0.30 acres \* 325,851 ac/ft \* 1.88 ft deep \* 0.1 inch/inch available water capacity=18,378 gal

/42 BBL = **438 BBL**



**Plant-available water holding capacities of various textured soil.**

<u>Soil Texture</u>	<b>Plant-Available Water Holding Capacity</b> (inches of water per foot of soil)
Very coarse sands	0.4 - 0.75
Coarse sands, fine sands, loamy sands	0.75 - 1.25
Sandy loams, fine sandy loams	1.25 - 1.75
Very fine sandy loams, loams, silt loams	1.50 - 2.30
Clay loams, silty clay loams, sandy clay loams	1.75 - 2.50
Sandy clays, silty clays, clays	1.60 - 2.50

<sup>2</sup>Adapted from: Schwankl, L.J. and T. Prichard. 2009. University of California Drought Management Web Site. <http://UCManageDrought.ucdavis.edu>. Viewed Aug. 13, 2009.



# Revised Site Characterization Report and Remediation Workplan

December 19, 2024

## Dagger

Produced Water Release  
Incident No. nAPP2402032332  
Lea County, New Mexico

### Prepared For:

Select Water Solutions, LLC  
1502 East Greene Street  
Carlsbad, New Mexico 88220

### Prepared By:

Crain Environmental  
2925 East 17<sup>th</sup> Street  
Odessa, Texas 79761

A handwritten signature in blue ink that reads 'Cynthia K. Crain'.

Cynthia K. Crain, P.G.

Dagger Produced Water Release  
Revised Site Characterization Report and Remediation Workplan



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## 1.0 Introduction

Crain Environmental (CE), on behalf of Select Water Solutions, LLC (Select), has prepared this *Site Characterization Report and Remediation Workplan* for the produced water release at the Dagger (Site), located in Unit Letter I, Section 1, Township 22 South, Range 32 East, Lea County, New Mexico. The global positioning system (GPS) coordinates for the Site are 32.41769, -103.62007. The property surface rights are owned by the Bureau of Land Management (BLM). The location of the Site is depicted on Figure 1.

## 2.0 Background

On January 19, 2024, Select discovered a weak spot in a layflat line during transfer of fluids. Approximately 438 barrels (bbls) of produced water were released into a right of way (ROW). Immediately following the release, the area was secured, a vacuum truck was mobilized to the Site, and the line was repaired. The released fluid covered a surface area of approximately 12,900 square feet (sq ft). Approximately 380 bbl of fluid were recovered. The release point and the surface extent of the release are depicted on Figures 2 and 3.

A Notification of Release (NOR) was submitted to the New Mexico Oil Conservation Division (NMOCD) on January 20, 2024, and Incident #nAPP2402032332 was assigned. Appendix A provides a copy of the NOR and the Form C-141 (Release Notification Report).

This *Site Characterization Report and Remediation Workplan* has been prepared in accordance with 19.15.29.11 New Mexico Administrative Code (NMAC).

## 3.0 NMOCD Closure Criteria

Cleanup standards for spills are provided in 19.15.29 NMAC. The cleanup standards (described in the rule as "Closure Criteria") are based primarily on depth to groundwater but are also based on other criteria. Three different Closure Criteria are provided in the rule. The most stringent apply to sites where groundwater is found within 50 feet of the ground surface or if the release occurred within one of the following areas:

- Within 300 feet of any continuously flowing watercourse or any other significant watercourse.
- Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary highwater mark).
- Within 300 feet from an occupied permanent residence, school, hospital, institution or church.
- Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes.
- Within 1,000 feet of any fresh water well or spring.
- Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended.
- Within 300 feet of a wetland.
- Within the area overlying a subsurface mine.



- Within an unstable area such as a karst formation.
- Within a 100-year floodplain.

CE reviewed available information to determine the Closure Criteria for the Site. The findings of this evaluation are summarized below.

### 3.1 Groundwater Evaluation

A review of the New Mexico Office of the State Engineer (NMOSE) records indicated there no water wells within a 0.5-mile radius of the Site; however, three water wells (CP 1878, CP 1881, and CP 1888) are located within 1 mile of the Site. All wells and available depths to groundwater are listed in the table below. Figure 4 provides 0.5-mile and 1 mile radius circles around the Site and shows the location of each well. Based on the water well data available in NMOSE records, it is estimated that depth to groundwater at the Site is greater than 100 feet below ground surface (bgs); however, since the wells are greater than 0.5-mile from the Site, the most stringent Closure Criteria will be required. Well logs are provided in Appendix B.

#### Nearby Water Wells

Well ID	Location from Site	Year Installed	Use	Well Depth and Depth to Water (feet bgs)
CP 1878 POD 1	Approx. 5,495' to the north	2021	N/A	105 / DRY
CP 1881 POD 1	Approx. 5,844 to the northeast	2021	N/A	105 / DRY
CP 1888 POD 1	Approx. 5,414' to the northeast	2021	N/A	105 / DRY

### 3.2 Surface Features and Other Development

CE reviewed recent aerial photographs, topographic maps, the NMOSE Point of Discharge (POD) GIS website, and information available from the Lea County, New Mexico Central Appraisal District website. As shown on Figure 1, the Site is not located:

- Within 300 feet of any continuously flowing watercourse or any other significant watercourse.
  - No continuously flowing watercourses (rivers, streams, arroyos, etc.) are apparent within 300 feet of the Site in the topographic map (Figure 1).
- Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary highwater mark).
  - The topographic map (Figure 1) indicates there is not a lakebed, sinkhole or playa lake located within 200 feet of the Site.
- Within 300 feet from an occupied permanent residence, school, hospital, institution or church.
  - The Site Location Map (Figure 1) and information available from the Lea County, New Mexico Central Appraisal District do not show or list any permanent residence, school, hospital, institution, or church located within 300 feet of the Site.
- Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes.



- No wells or springs located within 500 feet of the Site appear in any of the NMOSE records reviewed by CE.
- Within 1,000 feet of any fresh water well or spring.
  - No freshwater wells or springs located within 1,000 feet of the Site appear in any of the records reviewed by CE.
- Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended.
  - Based on the property and other records review by CE, the Site is not located in incorporated municipal boundaries or within a defined municipal fresh water well field.
- Within the area overlying a subsurface mine
  - Based on the property and other records reviewed by CE, the Site is not located within an area overlying a subsurface mine.

### 3.3 Wetlands, Floodplain, and Karst Geology

A review of the United States Fish and Wildlife Service (USFWS) wetlands map indicated the Site is not located within 300 feet of a wetland. The New Mexico Bureau of Land Management (BLM) karst potential map indicates the Site is located within a “low karst potential” area. Finally, review of the Federal Emergency Management Act (FEMA) floodplain map indicates the release at the Site is located outside of a 100-year floodplain. Figures 5, 6, and 7 depict the USFWS map, the FEMA floodplain map, and the karst potential map, respectively.

### 3.4 Closure Criteria Applicable to the Site

The Closure Criteria applicable to the Site would be based on the estimated depth to groundwater, which dictates the regulatory guidelines typically associated with groundwater depths less than 50’ feet bgs since no groundwater wells are located within 0.5-mile of the Site. A summary of the Closure Criteria is provided in the table below and in Table 1.

**NMOCD Closure Criteria**

Constituent of Concern		Closure Criteria Based on Depth to Groundwater (mg/kg)		
		≤ 50 feet bgs	51 feet to 100 feet bgs	> 100 feet bgs
Chloride (EPA 300)		600	10,000	20,000
TPH (EPA 8015M)	GRO + DRO + MRO	100	2,500	2,500
	GRO + DRO	NA	1,000	1,000
Total BTEX (EPA 8021 or 8260)		50	50	50
Benzene (EPA 8021 or 8260)		10	10	10

Notes: NA = not applicable  
 bgs = below ground surface  
 mg/kg = milligrams per kilogram  
 GRO = gasoline range organics

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 Revised Site Characterization Report and Remediation Workplan



DRO = diesel range organics  
MRO = motor oil range organics  
TPH = total petroleum hydrocarbons  
BTEX = benzene, toluene, ethylbenzene, and total xylenes  
Green highlighted cells denote applicable Closure Criteria.

#### 4.0 Site Assessment/Characterization Results

As per 19.15.29.11 NMAC, a Site Characterization Report will have the components described in Sections 4.1 through 4.5 of this document.

##### 4.1 Site Map

As required by 19.15.29.11 NMAC, a scaled diagram showing significant Site infrastructure, sample point locations, and known subsurface features such as utilities is provided as Figures 2 and 3.

##### 4.2 Depth to Groundwater

As discussed in Section 3.1, the exact depth to groundwater beneath the Site is unknown. A review of the NMOSE water well records indicates no water wells are located within 0.5-mile of the Site; therefore, depth to groundwater is estimated to be less than 50' feet bgs.

##### 4.3 Wellhead Protection Area

The 0.5-mile and 1-mile wellhead protection areas are shown on Figure 4. As listed in the NMOSE database, there are three water wells within a 1-mile radius of the Site. There were no water sources, springs, or other sources of fresh water extraction identified within 0.5-mile of the Site.

##### 4.4 Distance to Nearest Significant Watercourse

The horizontal distance to the nearest significant watercourse as defined in Subsection P of 19.15.17.7 NMAC is greater than 0.5-mile from the Site.

##### 4.5 Summary of Remediation Activities

On February 16, 2024, soil samples (SP1 through SP6, and HZ1 through HZ4) were collected by Hungry Horse Environmental and Construction (Hungry Horse) from 10 locations throughout the release area to determine the horizontal and vertical limits of affected soil. All samples were placed in clean glass sample jars, properly labeled, immediately placed on ice, and submitted to Envirotech Inc. for analysis of total petroleum hydrocarbons (TPH) by Environmental Protection Agency (EPA) SW-846 Method 8015D, for benzene, toluene, ethylbenzene and xylenes (collectively referred to as BTEX) by EPA SW-846 Method 8021B, and for chlorides by EPA 300.

Table 1 provides a summary of the laboratory results, and sample locations are provided on Figure 2. The laboratory reports and chain-of-custody documentation are provided in Appendix C.

Referring to Table 1, concentrations of BTEX were reported below the test method detection limit in all samples. Concentrations of TPH were reported below test method detection limit or Closure Criteria in all



samples except sample SP6 Surf (146.7 mg/kg). Horizontal and vertical delineation of chlorides was achieved.

From March 25 through June 3, 2024, approximately 3,990 cubic yards (cy) of impacted soil was excavated from the release area by Elite Environmental Services, Inc. (Elite) and stockpiled pending treatment. The area of impact was excavated to a depth of 6 feet bgs where a continuous hard rock layer was encountered, and previous samples reported TPH, BTEX, and chloride concentrations below the Closure Criteria.

From April 4 to April 7, Elite conducted treatment of the excavated (stockpiled) soil using their Advanced Remediation Technology (ART) process that includes oxidation (aeration and chemical ionization) of the soil to reduce TPH and chloride concentrations. The stockpiled soil was processed through the ART shredding machine. As material was loaded into the 5-yard hopper, a set of conveyors directed the soil to a series of rotating hardened hammers which are used to pulverize/shred and break up the soil to small particle size pieces.

The soil shredder is equipped with an internal spray system capable of delivering remedial additives/chemicals to assist with the remediation. During soil shredding, soil particles were treated with a reagent called Bio-Regen SA1000, manufactured by 3Tier Technologies. The reagent is an advanced treatment product that combines two Polyelectrolyte Enhanced Organic Bio-Polymers (PEB) with bio-available calcium. PEB naturally binds, adsorbs, and coordinates sodium cations and chlorine anions. Any sodium/chloride residue creates a new mineral formation resulting in sodium, chloride, cation and anion conversion into a physically and mechanically bound status, thus eliminating salt toxicity and resulting in desalination and chloride/salt toxicity reduction/elimination. This process also improves the growing profile by reversing negative osmotic pressure, reducing electrical conductivity, and increasing soluble organic matter, allowing proper nutrient and moisture retention, percolation, and uptake. As a result, new plants are allowed to establish and regenerate soil back to a healthy and productive state.

On April 11, 2024, seven 5-point composite sidewall samples (WW-1 through WW-5, SW-1, and NW-1) were collected from the western portion of the excavation. Additionally, ten 5-point composite soil samples (TS-1 through TS-10) were collected from the treated soil at a rate of 1 sample per 190 cy of treated soil. On June 4, 5-point composite sidewall samples (ESW-1 through ESW-9) were collected from the eastern portion of the excavation. On June 5, 2024, eleven 5-point composite samples were collected from the treated soil at a rate of 1 sample per 190 cy of treated soil. On June 7, 2024, six five-point composite samples (BF-1 through BF-6) were collected from the bottom of the excavation, and five-point composite sidewall samples were collected from areas previously sampled on June 4, 2024 that reported chloride concentrations above the Closure Criteria (ESW-2, ESW-3, ESW-4, and ESW-7).

All soil samples were placed in laboratory prepared containers, properly labeled, immediately placed on ice, and hand delivered to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico for analysis of chlorides by Method SM4500Cl-B. Analysis was not conducted for TPH or BTEX as all delineation sample reported concentrations below the Closure Criteria for those constituents.





Table 1 provides a summary of the laboratory results, and sample locations are provided on Figure 3. The laboratory reports and chain-of-custody documentation are provided in Appendix C. Photographic documentation is provided in Appendix D.

Referring to Table 1, concentrations of chlorides were reported below the Closure Criteria in all final sidewall and bottom samples from the excavation, and in all treated samples.

As confirmation samples from the excavation and confirmation samples from the treated soil reported chloride concentrations below the Closure Criteria, the excavation was backfilled with the treated soil on June 9, 2024, and the surface was contoured to original surface grade.

## 5.0 Proposed Remediation Workplan

Select proposes to remove all treated soil used for backfilling the excavation and collect five-point composite confirmation samples from the bottom and sidewalls of the original excavation at a rate of one sample per 200 square feet.

Treated soil will be stockpiled adjacent to the excavation, and six soil samples, representative of backfill in 1-foot lifts will be collected.

All samples from the excavation and the treated soil will be delivered to Cardinal for analysis of TPH, BTEX, and chlorides.

Upon laboratory confirmation that all TPH, BTEX, and chloride concentrations from the bottom and sidewalls of the excavation, and from the treated soil are below the Closure Criteria, the treated soil (defined as non-waste containing material in 19.15.29.13 NMAC) will be used to backfill the excavation.

Pursuant to 19.15.29.13 NMAC, the impacted surface areas will be restored to pre-release conditions. Surface grading will be performed to near original conditions and contoured to prevent erosion and ponding, promote stability, and preserve storm water flow patterns. The area will be seeded with a BLM #2 seed mixture during the spring of 2025.

Select respectfully requests a remediation schedule of 90 days from the date of NMOCD approval of this Remediation Workplan to complete the proposed remediation activities and submit a *Remediation Summary and Closure Report* for NMOCD approval.

## 6.0 Distribution

Copy 1: Halie Butler  
Select Water Solutions, LLC  
Via Email at:  
hbutler@selectwater.com

Copy 2: Mike Bratcher  
New Mexico Energy, Minerals, and Natural Resources Department  
Oil Conservation Division, District 2  
811 S. First Street  
Artesia, New Mexico 88210



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## TABLE

**TABLE 1**  
**SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS**  
**SELECT WATER SOLUTIONS, LLC**  
**DAGGER**  
**NMOCD INCIDENT # nAPP2402032332**

Sample ID	Sample Date	Sample Depth	Soil Status	TPH (GRO)	TPH (DRO)	TPH (MRO)	Total TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Chloride
				milligrams per kilogram (mg/kg)									
NMOCD Closure Criteria							100	10	-	-	-	50	600
NMOCD Closure Criteria (>4' bgs)				GRO + DRO = 1,000		-	2,500	10	-	-	-	50	20,000
DELINEATION SAMPLES													
SP1 Surf	02/26/24	Surf	Excavated	<20.0	39.9	<50.0	39.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	18,000
SP1 6'	02/26/24	6'	In Situ	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	552
SP2 Surf	02/26/24	Surf	Excavated	<20.0	48.9	<50.0	48.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	76,100
SP2 6'	02/26/24	6'	In Situ	<20.0	30.8	<50.0	30.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	318
SP3 Surf	02/26/24	Surf	Excavated	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	51,500
SP3 6'	02/26/24	6'	In Situ	<20.0	42.7	52.7	95.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	324
SP4 Surf	02/26/24	Surf	Excavated	<20.0	40.8	<50.0	40.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	44,100
SP4 6'	02/26/24	6'	In Situ	<20.0	80.7	83.1	163.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<100
SP5 Surf	02/26/24	Surf	Excavated	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<400
SP5 6'	02/26/24	6'	In Situ	<20.0	79.8	83.4	163.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<40.0
SP6 Surf	02/26/24	Surf	Excavated	<20.0	77.9	68.8	146.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	65,200
SP6 6'	02/26/24	6'	In Situ	<20.0	82.3	88.6	170.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	117
HZ1 Surf	02/26/24	Surf	In Situ	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
HZ1 1'	02/26/24	1'	In Situ	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
HZ2 Surf	02/26/24	Surf	In Situ	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
HZ2 1'	02/26/24	1'	In Situ	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
HZ3 Surf	02/26/24	Surf	In Situ	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
HZ3 1'	02/26/24	1'	In Situ	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
HZ4 Surf	02/26/24	Surf	In Situ	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
HZ4 1'	02/26/24	1'	In Situ	<20.0	<25.0	<50.0	<50.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0
CONFIRMATION SAMPLES													
WW-1	04/11/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	144
WW-2	04/11/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	16.0
WW-3	04/11/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	16.0
WW-4	04/11/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	16.0
WW-5	04/11/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	640
SW-1	04/11/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	<16.0
NW-1	04/11/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	<16.0
ESW-1	06/04/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	320
ESW-2	06/04/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	2,760
ESW-2	06/07/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	32.0

TABLE 1  
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS  
SELECT WATER SOLUTIONS, LLC  
DAGGER  
NMOCD INCIDENT # nAPP2402032332

Sample ID	Sample Date	Sample Depth	Soil Status	TPH (GRO)	TPH (DRO)	TPH (MRO)	Total TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Chloride
				milligrams per kilogram (mg/kg)									
NMOCD Closure Criteria							100	10	-	-	-	50	600
NMOCD Closure Criteria (>4' bgs)				GRO + DRO = 1,000		-	2,500	10	-	-	-	50	20,000
ESW-3	06/04/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	2,000
ESW-3	06/07/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	32.0
ESW-4	06/04/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	4,000
ESW-4	06/07/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	<16.0
ESW-5	06/04/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	384
ESW-6	06/04/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	32.0
ESW-7	06/04/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	7,500
ESW-7	06/07/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	32.0
ESW-8	06/04/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	80.0
ESW-9	06/04/24	0-6'	Treated	--	--	--	--	--	--	--	--	--	32.0
BF-1	06/07/24	6'	Treated	--	--	--	--	--	--	--	--	--	16.0
BF-2	06/07/24	6'	Treated	--	--	--	--	--	--	--	--	--	32.0
BF-3	06/07/24	6'	Treated	--	--	--	--	--	--	--	--	--	32.0
BF-4	06/07/24	6'	Treated	--	--	--	--	--	--	--	--	--	16.0
BF-5	06/07/24	6'	Treated	--	--	--	--	--	--	--	--	--	<16.0
BF-6	06/07/24	6'	Treated	--	--	--	--	--	--	--	--	--	16.0
TREATED SAMPLES													
TS-1	04/11/24	--	Backfilled	--	--	--	--	--	--	--	--	--	16.0
TS-2	04/11/24	--	Backfilled	--	--	--	--	--	--	--	--	--	16.0
TS-3	04/11/24	--	Backfilled	--	--	--	--	--	--	--	--	--	16.0
TS-4	04/11/24	--	Backfilled	--	--	--	--	--	--	--	--	--	16.0
TS-5	04/11/24	--	Backfilled	--	--	--	--	--	--	--	--	--	16.0
TS-6	04/11/24	--	Backfilled	--	--	--	--	--	--	--	--	--	16.0
TS-7	04/11/24	--	Backfilled	--	--	--	--	--	--	--	--	--	16.0
TS-8	04/11/24	--	Backfilled	--	--	--	--	--	--	--	--	--	16.0
TS-9	04/11/24	--	Backfilled	--	--	--	--	--	--	--	--	--	<16.0
TS-10	04/11/24	--	Backfilled	--	--	--	--	--	--	--	--	--	<16.0
TS-1	06/05/24	--	Backfilled	--	--	--	--	--	--	--	--	--	32.0
TS-2	06/05/24	--	Backfilled	--	--	--	--	--	--	--	--	--	32.0

TABLE 1  
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS  
SELECT WATER SOLUTIONS, LLC  
DAGGER  
NMOCD INCIDENT # nAPP2402032332

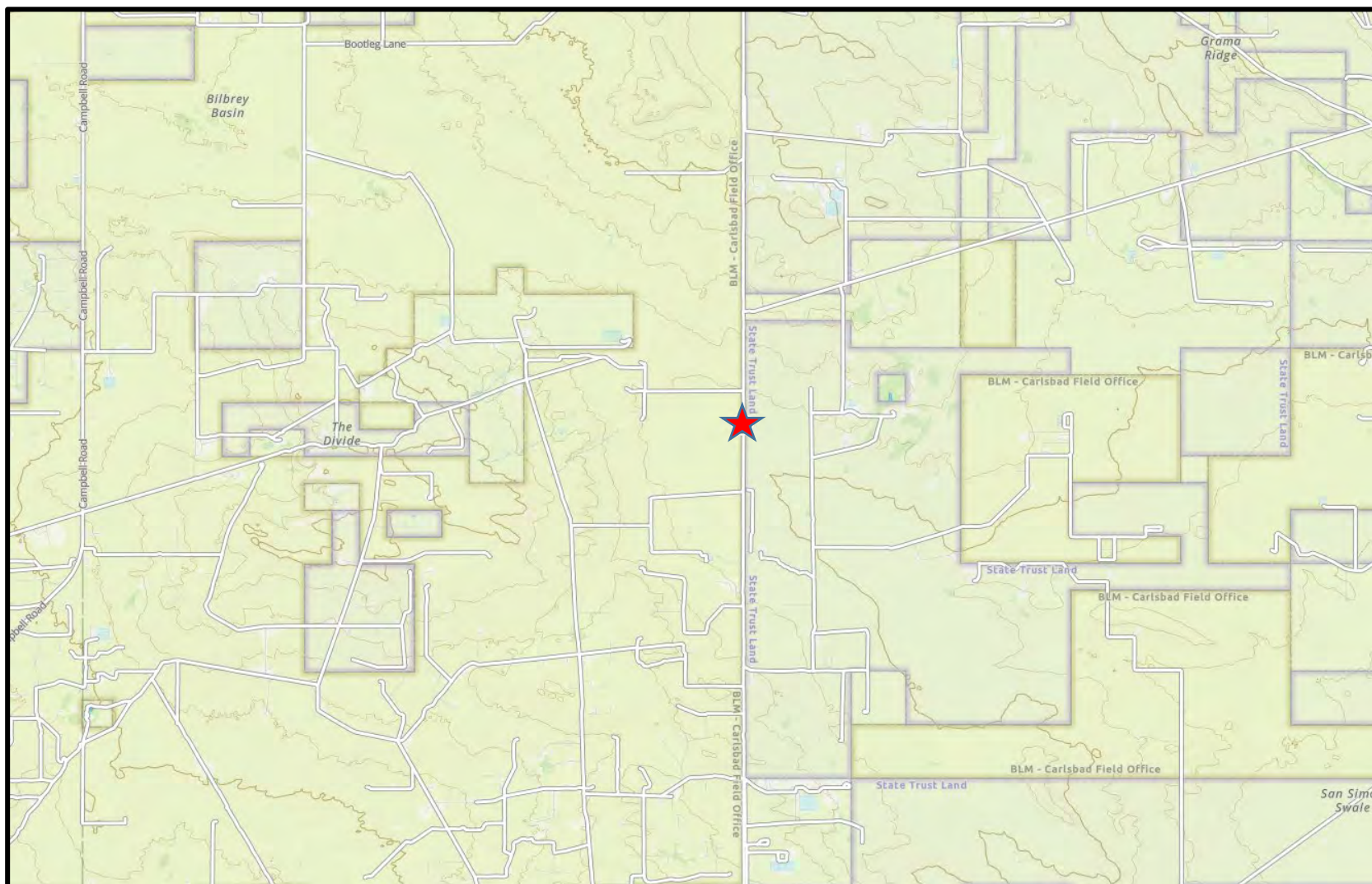
Sample ID	Sample Date	Sample Depth	Soil Status	TPH (GRO)	TPH (DRO)	TPH (MRO)	Total TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Chloride
				milligrams per kilogram (mg/kg)									
NMOCD Closure Criteria							100	10	-	-	-	50	600
NMOCD Closure Criteria (>4' bgs)				GRO + DRO = 1,000		-	2,500	10	-	-	-	50	20,000
TS-3	06/05/24	--	Backfilled	--	--	--	--	--	--	--	--	--	16.0
TS-4	06/05/24	--	Backfilled	--	--	--	--	--	--	--	--	--	16.0
TS-5	06/05/24	--	Backfilled	--	--	--	--	--	--	--	--	--	32.0
TS-6	06/05/24	--	Backfilled	--	--	--	--	--	--	--	--	--	16.0
TS-7	06/05/24	--	Backfilled	--	--	--	--	--	--	--	--	--	16.0
TS-8	06/05/24	--	Backfilled	--	--	--	--	--	--	--	--	--	16.0
TS-9	06/05/24	--	Backfilled	--	--	--	--	--	--	--	--	--	<16.0
TS-10	06/05/24	--	Backfilled	--	--	--	--	--	--	--	--	--	<16.0
TS-11	06/05/24	--	Backfilled	--	--	--	--	--	--	--	--	--	16.0



Notes:

- 1. -: Sample not analyzed for the constituent.
- 2. bgs: Below Ground Surface
- 3. Bold indicates the COC was above the appropriate laboratory method/sample detection limit.
- 4. < indicates the COC was below the appropriate laboratory method/sample detection limit.
- 5. Bold and yellow highlighting indicates the COC was above the appropriate NMOCD Closure Criteria.
- 6. Green highlighting indicates soil was excavated and treated.

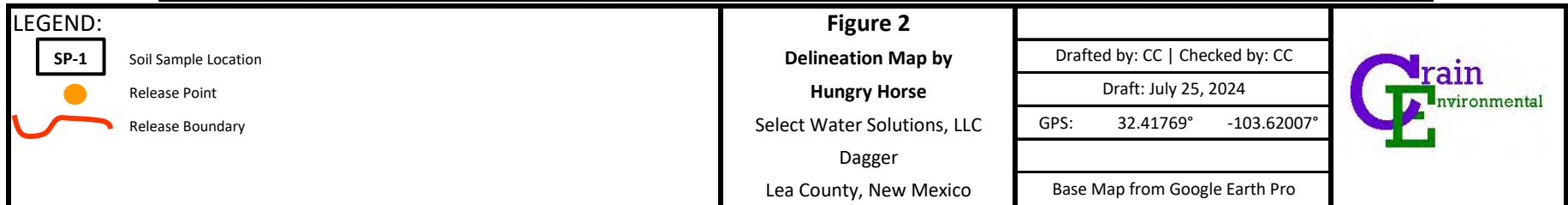
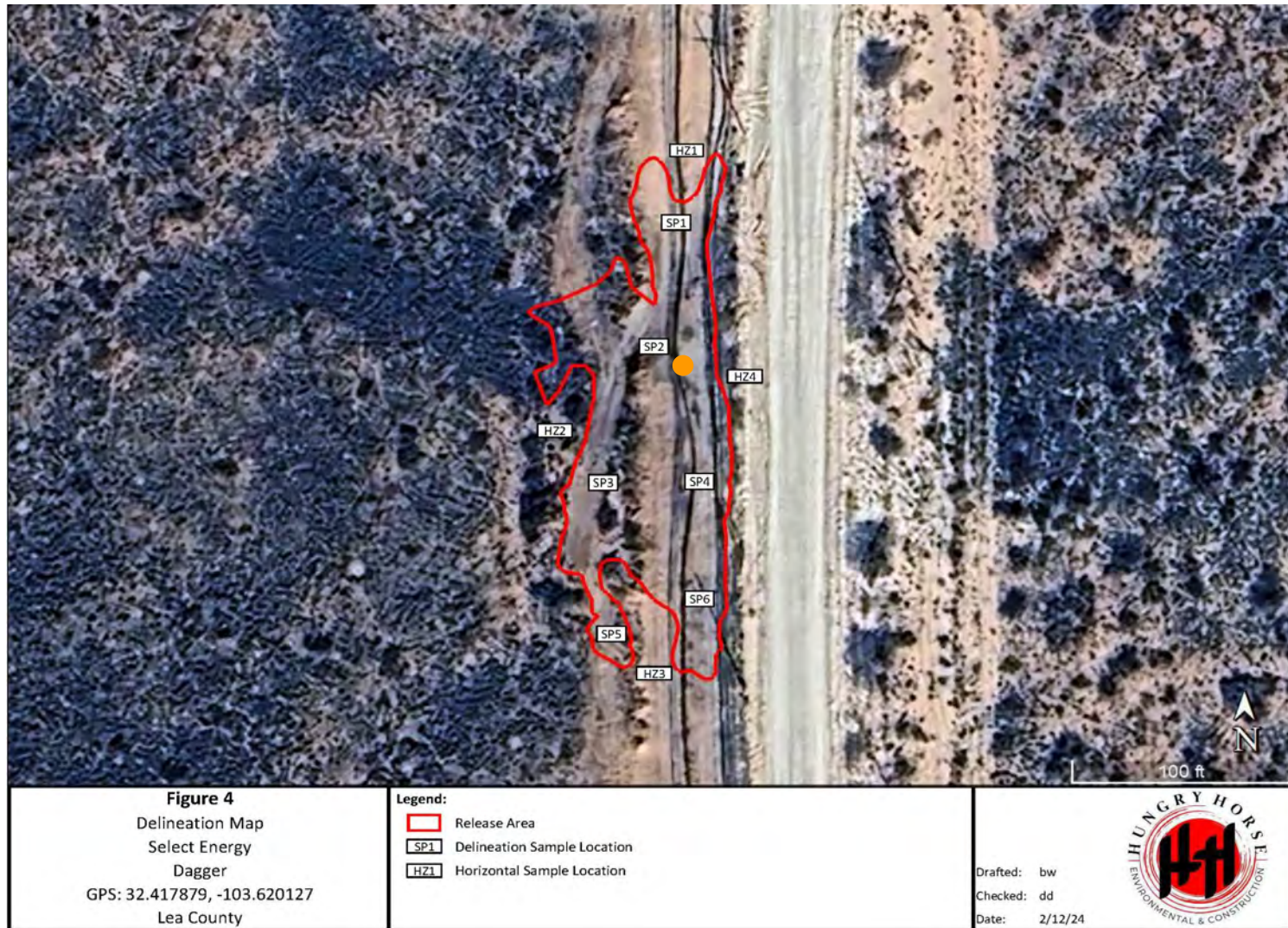


## FIGURES








<b>LEGEND:</b>  Site Location  Base Map From GAIA GPS	<b>Figure 1</b> <b>Site Location Map</b>  Select Water Solutions, LLC Dagger Lea County, New Mexico		
		Drafted by: CC   Checked by: CC	
		Draft: July 24, 2024	
		GPS: 32.41769° -103.62007°	



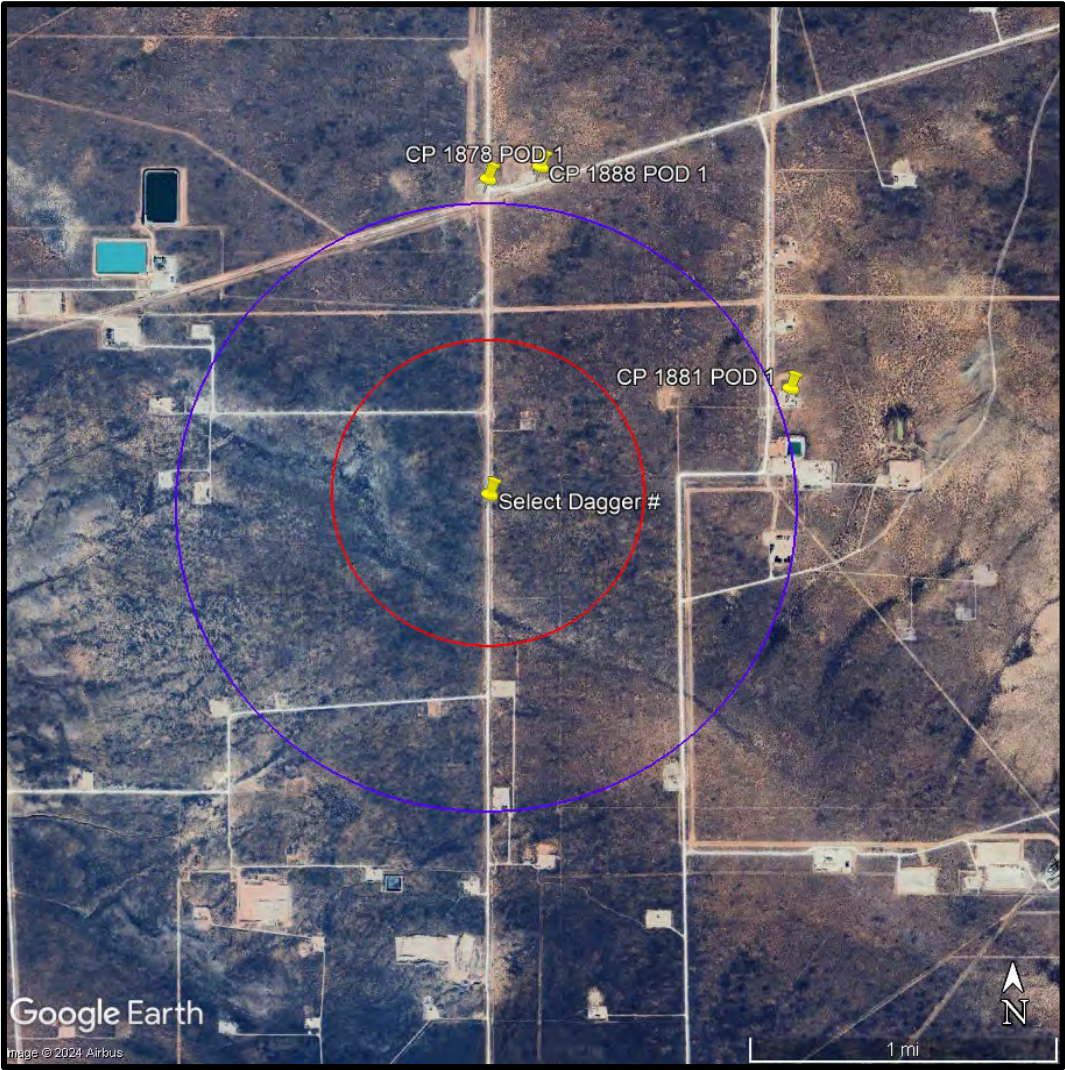






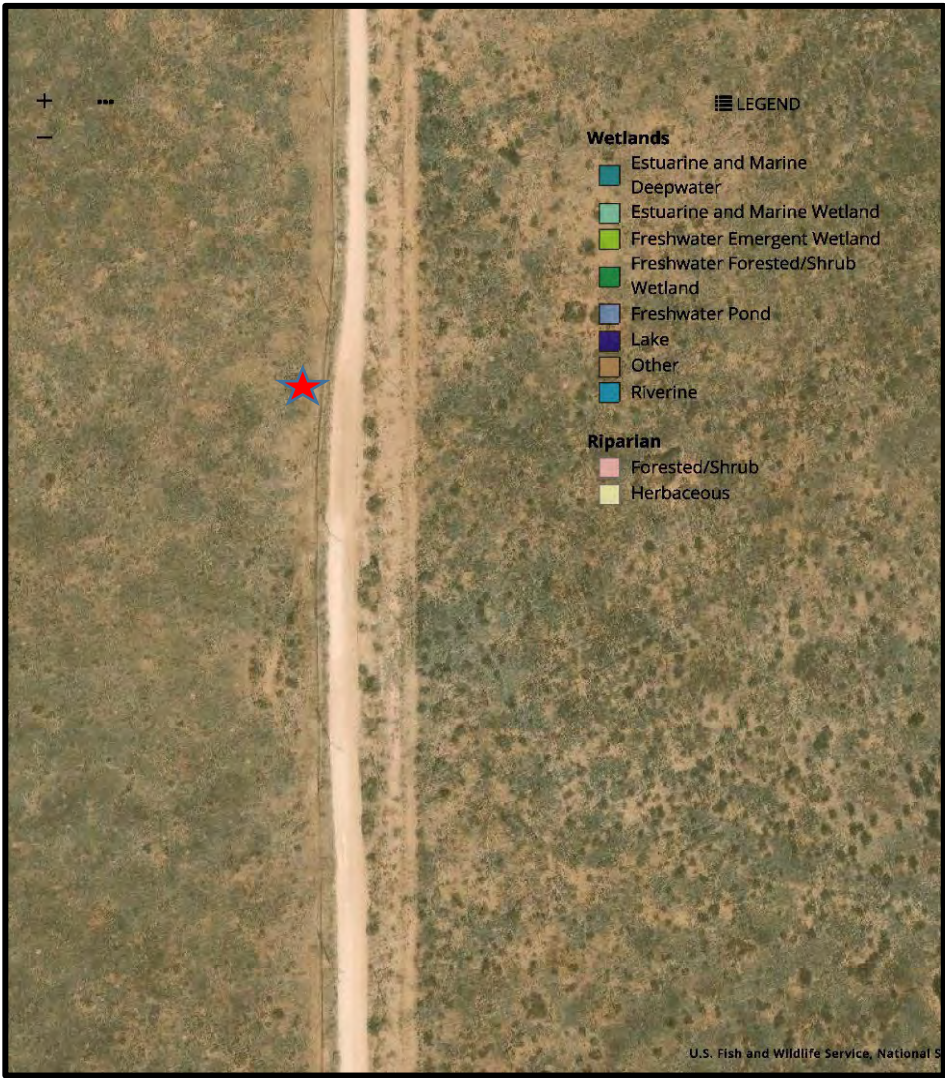




<b>LEGEND:</b>   Soil Sample Location   Release Point   Release Area Defined by Hungry Horse Environmental and Construction   Excavation and Treatment Boundary	<b>Figure 3</b> <b>Soil Sample Location Map</b>  Select Water Solutions, LLC  Dagger  Lea County, New Mexico		
		Drafted by: CC   Checked by: CC	
		Draft: July 25, 2024	
		GPS: 32.41769° -103.62007°	
		Base Map from Google Earth Pro	



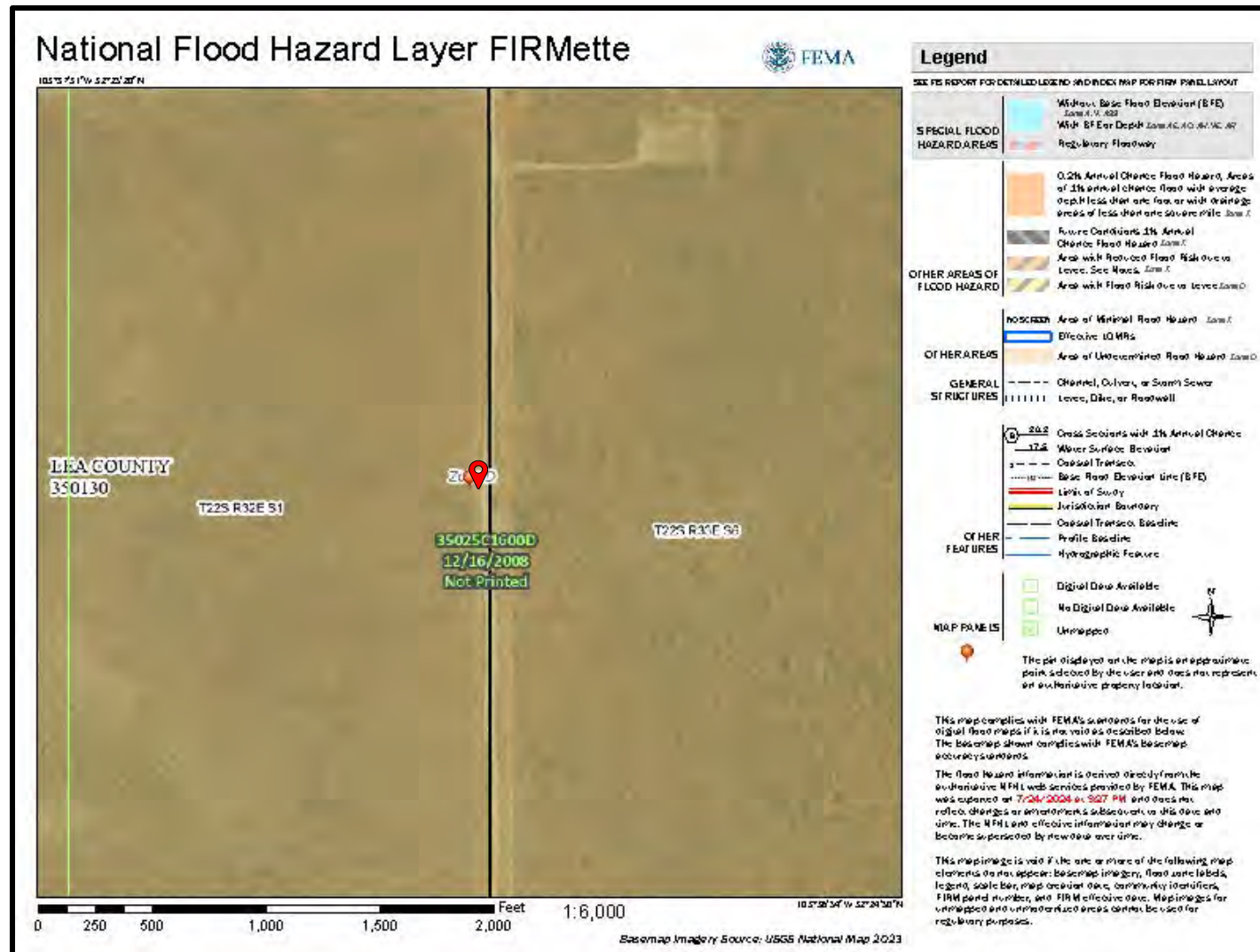


<div>LEGEND:</div> <div> Site and Well Location</div> <div>Base Map from Google Earth Pro</div>	<div>Figure 4</div> <div>Wellhead Protection Area Map</div> <div>Select Water Solutions, LLC</div> <div>Dagger</div> <div>Lea County, New Mexico</div>		
		Drafted by: CC   Checked by: CC	
		Draft: July 24, 2024	
		GPS: 32.41769° -103.62007°	



<div>LEGEND:</div> <div> Site Location</div> <div>Base Map From US Fish &amp; Wildlife Service</div>	<div>Figure 5</div> <div>National Wetlands Inventory Map</div> <div>Select Water Solutions, LLC</div> <div>Dagger</div> <div>Lea County, New Mexico</div>		
		Drafted by: CC   Checked by: CC	
		Draft: July 24, 2024	
		GPS: 32.41769° -103.62007°	



**LEGEND:**

Site Location

Base Map From FEMA

**Figure 6****FEMA Floodplain Map**

Select Water Solutions, LLC

Dagger

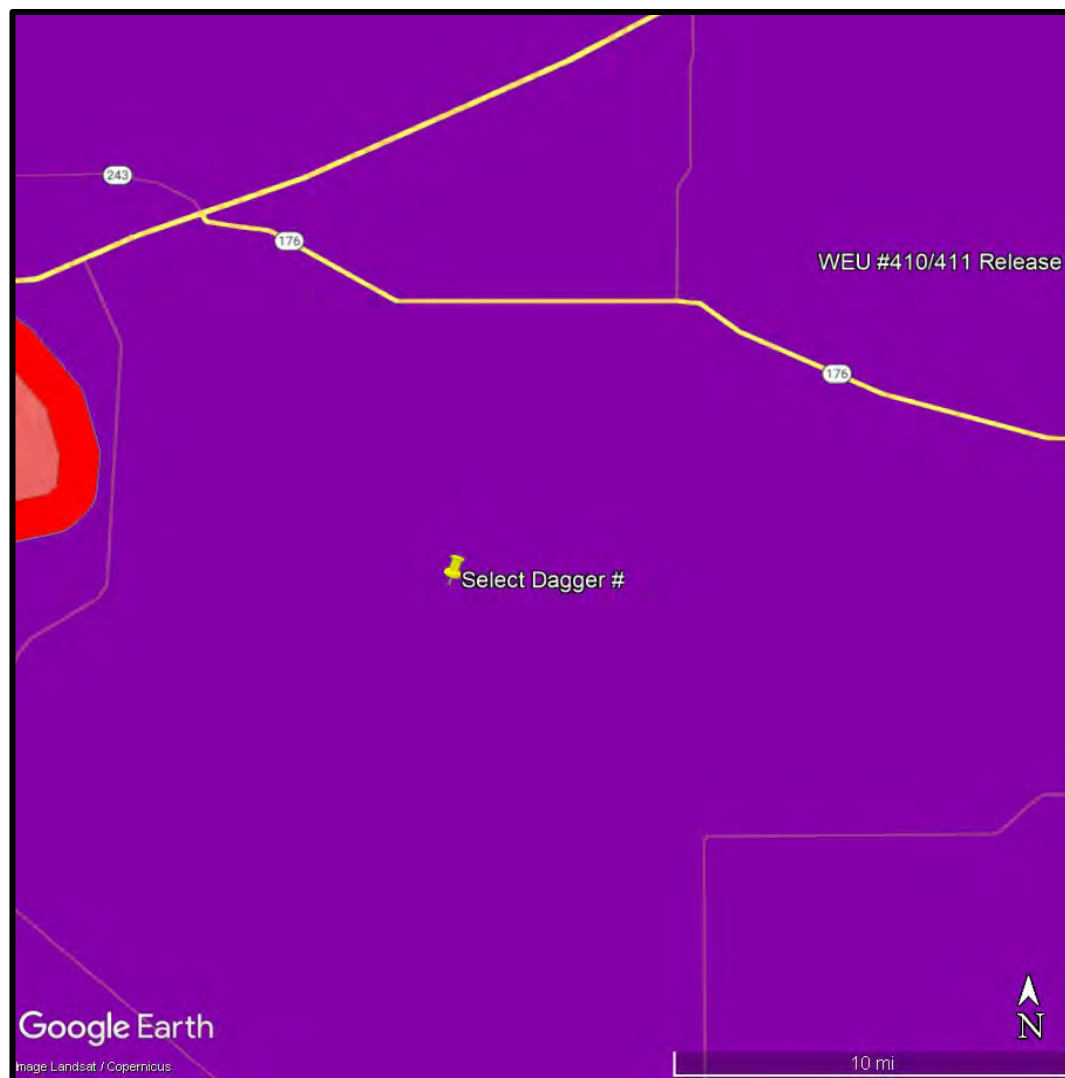
Lea County, New Mexico





Drafted by: CC | Checked by: CC

Draft: July 24, 2024

GPS: 32.41769° -103.62007°





<b>LEGEND:</b>  Low Karst Potential  Medium Karst Potential  High Karst Potential  Base Map from Google Earth Pro	<b>Figure 7</b> <b>Karst Potential Map</b>  Select Water Solutions, LLC Dagger Lea County, New Mexico		
		Drafted by: CC   Checked by: CC	
		Draft: July 24, 2024	
		GPS: 32.41769° -103.62007°	



---

## Appendix A: Notice of Release and Form C-141

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

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

QUESTIONS  
  
Action 305826

QUESTIONS

Operator: SELECT ENERGY SERVICES, LLC PO Box 1715 Gainesville, TX 76240	OGRID: 289068
	Action Number: 305826
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DAGGER
Date Release Discovered	01/19/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 438 BBL   Recovered: 380 BBL   Lost: 58 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	NO INJURIES, NO EMERGENCY SERVICES CONTACTED, ALL ON ROW

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

QUESTIONS, Page 2  
  
Action 305826

QUESTIONS (continued)

Operator: SELECT ENERGY SERVICES, LLC PO Box 1715 Gainesville, TX 76240	OGRID:
	289068
	Action Number:
	305826
Action Type:	
[NOTIFY] Notification Of Release (NOR)	

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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



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

ACKNOWLEDGMENTS  
  
Action 305826

ACKNOWLEDGMENTS

Operator: SELECT ENERGY SERVICES, LLC PO Box 1715 Gainesville, TX 76240	OGRID: 289068
	Action Number: 305826
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 305826

CONDITIONS

Operator: SELECT ENERGY SERVICES, LLC PO Box 1715 Gainesville, TX 76240	OGRID: 289068
	Action Number: 305826
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
timsanbricker	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	1/20/2024

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

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

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

Incident ID	nAPP2402032332
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	SELECT WATER SOLUTIONS, LLC	OGRID	289068
Contact Name	TIMSAN BRICKER	Contact Telephone	575-200-7551
Contact email	tbricker@selectwater.com	Incident # (assigned by OCD)	nAPP2402032332
Contact mailing address	1502 E GREENE ST CARLSBAD NM 88220		

Location of Release Source

Latitude 32.41769 N Longitude -103.62007 W  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	DAGGER	Site Type	LAYFLAT HOSE
Date Release Discovered	1/19/2024	API# (if applicable)	

Unit Letter	Section	Township	Range	County
1	1	22S	32E	LEA

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 438	Volume Recovered (bbls) 380
	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

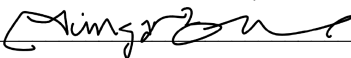
WEAK SPOT IN LAYFLAT GAVE OUT DURING TRANSFER, SPILLING 438 BBL PRODUCED WATER INTO ROW. 380 BBL RECOVERED.

Incident ID	nAPP2402032332
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?  >25 BBL
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? YES, THROUGH NMOCD PORTAL 1/20/2024 BY TIMSAN BRICKER.	

## 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>TIMSAN BRICKER</u>	Title: <u>ENV COORDINATOR</u>
Signature: <u></u>	Date: <u>1/20/2024</u>
email: <u>tbricker@selectwater.com</u>	Telephone: <u>575-200-7551</u>
<b><u>OCD Only</u></b>  Received by: _____ Date: _____	

Incident ID	nAPP2402032332
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	nAPP2402032332
District RP	
Facility ID	
Application ID	

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

Printed Name: Timsan Bricker

Title: Environmental Coordinator

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: tbricker@selectwater.com

Telephone: 575-200-7551

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nAPP2402032332
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: Timsan BrickerTitle: Environmental Coordinator

Signature: \_\_\_\_\_ Date: \_

email: tbricker@selectwater.comTelephone: 575-200-7551**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



## Appendix B: Water Well Logs





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (TW-1)		WELL TAG ID NO. n/a		OSE FILE NO(S). CP-1878			
	WELL OWNER NAME(S) Advanced Energy Partners				PHONE (OPTIONAL) 832.672.4700			
	WELL OWNER MAILING ADDRESS 11490 Westheimer Rd. Stuit 950				CITY Houston	STATE TX	ZIP 77077	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 25	SECONDS 58.08	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	37	12.58	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE NE SE 1 Sec. 36 T21S R32E								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 09/21/2021		DRILLING ENDED 09/21/2021		DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) n/a	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	105	±6.5	Boring- HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						


FOR OSE INTERNAL USE

WR-20 WELL RECORD &amp; LOG (Version 06/30/17)

FILE NO.	CP-1878	POD NO.	1	TRN NO.	699509
LOCATION	Mon	21S. 32E. 36. 424	WELL TAG ID NO.		PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	Sand, Fine-grained, poorly graded, Red Brown	Y    ✓ N	
	4	9	5	Sand, Fine-grained, poorly graded, with caliche, Red Brown	Y    ✓ N	
	9	24	15	Sand, Fine-grained, poorly graded, with clay, Red Brown	Y    ✓ N	
	24	54	30	Sand, Fine-grained, poorly graded, with caliche, Brown Red	Y    ✓ N	
	54	105	51	Sand, Fine-grained, poorly graded, some clay Brown	Y    ✓ N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm):            0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist.	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Carmelo Trevino, Cameron Pruitt		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	Jackie D. Atkins	10-21-2021
SIGNATURE OF DRILLER / PRINT SIGNEE NAME		DATE

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/2017)	
FILE NO.	CP-1878	POD NO.	1
LOCATION		TRN NO.	699504
		WELL TAG ID NO	PAGE 2 OF 2



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (TW-1)		WELL TAG ID NO. n/a		OSE FILE NO(S). CP-1881			
	WELL OWNER NAME(S) Advanced Energy Partners				PHONE (OPTIONAL) 832.672.4700			
	WELL OWNER MAILING ADDRESS 11490 Westheimer Rd. Suit 950				CITY Houston	STATE TX	ZIP 77077	
	WELL LOCATION (FROM GPS)	DEGREES 32		MINUTES 25	SECONDS 22	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LATITUDE 103		36	12			N W
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE SE NE Sec. 06 T22S R33E								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 10/12/2021		DRILLING ENDED 10/12/2021		DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) n/a	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	105	±6.5	Boring- HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

OSE 01/10/2021 PM 9:14

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO.	CP-1881	POD NO.	1	TRN NO.	699675
LOCATION	22S. 33E. 4. 242			WELL TAG ID NO.	—


PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	14	14	Sand, fine-grained, poorly graded with Caliche, Brown	Y ✓ N	
	14	19	5	Caliche, consolidated with fin-grained sand, White/Tan	Y ✓ N	
	19	24	5	Sand, fine-grained, poorly graded with Caliche, Reddish Brown	Y ✓ N	
	24	44	20	Sand, fine-grained, poorly graded with clay, Reddish Brown	Y ✓ N	
	44	64	20	Sand, fine-grained, poorly graded with clay, Brown Tan	Y ✓ N	
	64	105	41	Sand, fine-grained, poorly graded with clay, Brown	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. <div style="text-align: right;">USE DTI NOV 2 2021 AM 9:14</div>	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Carmelo Trevino, Cameron Pruitt	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Jackie D. Atkins SIGNATURE OF DRILLER / PRINT SIGNEE NAME	10/27/2021 DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD &amp; LOG (Version 06/30/2017)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (TW-1)		WELL TAG ID NO. n/a		OSE FILE NO(S). CP-1888			
	WELL OWNER NAME(S) Advanced Energy Partners				PHONE (OPTIONAL) 832.672.4700			
	WELL OWNER MAILING ADDRESS 11490 Westheimer Rd. Suite 950				CITY STATE ZIP Houston TX 77077			
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 26	SECONDS 0.21 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE NW SW (Unit Letter L) Sec 31; T21S.R33E.								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 09/21/2021		DRILLING ENDED 09/21/2021		DEPTH OF COMPLETED WELL (FT) temporary well material		BORE HOLE DEPTH (FT) 105	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					DEPTH WATER FIRST ENCOUNTERED (FT) n/a		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	105	±6.5	Boring- HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO.	CP-1888	POD NO.	1	TRN NO.	703694
LOCATION	21S.33E.31.314			WELL TAG ID NO.	

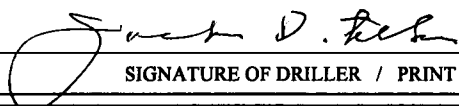
PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	Sand, Fine-grained, poorly graded, Red Brown	Y    ✓ N	
	4	9	5	Sand, Fine-grained, poorly graded, with caliche, Red Brown	Y    ✓ N	
	9	24	15	Sand, Fine-grained, poorly graded, with clay, Red Brown	Y    ✓ N	
	24	54	30	Sand, Fine-grained, poorly graded, with caliche, Brown Red	Y    ✓ N	
	54	105	51	Sand, Fine-grained, poorly graded, some clay Brown	Y    ✓ N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
					Y    N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:						

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist.	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Carmelo Trevino, Cameron Pruitt	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	Jackie D. Atkins 11-4-2021 DATE

USE 011 NOV 4 2021 11:57

FOR OSE INTERNAL USE

WR-20 WELL RECORD &amp; LOG (Version 06/30/2017)

FILE NO. CP-18888	POD NO. 1	TRN NO. 703694
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2



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## Appendix C: Laboratory Analytical Reports



Report to:  
Bradley Wells



5796 U.S. Hwy 64  
Farmington, NM 87401

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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Select Water Solutions, LLC

Project Name: Dagger

Work Order: E402169

Job Number: 24019-0001

Received: 2/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
2/26/24

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



Date Reported: 2/26/24

Bradley Wells  
PO Box 1715  
Gainesville, TX 76241



Project Name: Dagger  
Workorder: E402169  
Date Received: 2/20/2024 5:30:00AM

Bradley Wells,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/20/2024 5:30:00AM, under the Project Name: Dagger.

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

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

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**Southern New Mexico Area**

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Select Water Solutions, LLC	Project Name:	Dagger	Reported:
PO Box 1715	Project Number:	24019-0001	
Gainesville TX, 76241	Project Manager:	Bradley Wells	02/26/24 13:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1 Surf	E402169-01A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
SP1 6'	E402169-02A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
SP2 Surf	E402169-03A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
SP2 6'	E402169-04A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
SP3 Surf	E402169-05A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
SP3 6'	E402169-06A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
SP4 Surf	E402169-07A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
SP4 6'	E402169-08A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
SP5 Surf	E402169-09A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
SP5 6'	E402169-10A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
SP6 Surf	E402169-11A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
SP6 6'	E402169-12A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
HZ1 Surf	E402169-13A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
HZ1 1'	E402169-14A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
HZ2 Surf	E402169-15A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
HZ2 1'	E402169-16A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
HZ3 Surf	E402169-17A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
HZ3 1'	E402169-18A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
HZ4 Surf	E402169-19A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.
HZ4 1'	E402169-20A	Soil	02/16/24	02/20/24	Glass Jar, 2 oz.



## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

## SP1 Surf

E402169-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2408031
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
Surrogate: 4-Bromochlorobenzene-PID	90.8 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: EG		Batch: 2408031
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.0 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2408039
Diesel Range Organics (C10-C28)	39.9	25.0	1	02/20/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/22/24	
Surrogate: n-Nonane	88.0 %	50-200		02/20/24	02/22/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2408064
Chloride	18000	400	20	02/21/24	02/21/24	



## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

SP1 6'

E402169-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.0 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.3 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/22/24	
<i>Surrogate: n-Nonane</i>						
	92.0 %	50-200		02/20/24	02/22/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	552	20.0	1	02/21/24	02/21/24	



## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

## SP2 Surf

E402169-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.9 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	48.9	25.0	1	02/20/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/22/24	
<i>Surrogate: n-Nonane</i>						
	92.3 %	50-200		02/20/24	02/22/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	76100	1000	50	02/21/24	02/21/24	



## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

## SP2 6'

## E402169-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.4 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.7 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	30.8	25.0	1	02/20/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/22/24	
<i>Surrogate: n-Nonane</i>	92.7 %	50-200		02/20/24	02/22/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	318	100	5	02/21/24	02/21/24	





## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

## SP3 Surf

E402169-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.4 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.7 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/22/24	
<i>Surrogate: n-Nonane</i>						
	96.2 %	50-200		02/20/24	02/22/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	51500	2000	100	02/21/24	02/21/24	



## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

## SP3 6'

## E402169-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	89.0 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.3 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	42.7	25.0	1	02/20/24	02/22/24	
Oil Range Organics (C28-C36)	52.7	50.0	1	02/20/24	02/22/24	
<i>Surrogate: n-Nonane</i>	99.0 %	50-200		02/20/24	02/22/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	324	200	10	02/21/24	02/21/24	



## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

## SP4 Surf

E402169-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.9 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.8 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	40.8	25.0	1	02/20/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/22/24	
<i>Surrogate: n-Nonane</i>						
	92.2 %	50-200		02/20/24	02/22/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	44100	2000	100	02/21/24	02/22/24	



## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

SP4 6'

E402169-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.9 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.3 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	80.7	25.0	1	02/20/24	02/22/24	
Oil Range Organics (C28-C36)	83.1	50.0	1	02/20/24	02/22/24	
<i>Surrogate: n-Nonane</i>						
	95.7 %	50-200		02/20/24	02/22/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	ND	100	5	02/21/24	02/22/24	



## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

## SP5 Surf

E402169-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.2 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.6 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/24	02/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/22/24	
<i>Surrogate: n-Nonane</i>						
	93.6 %	50-200		02/20/24	02/22/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	ND	400	20	02/21/24	02/22/24	



## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

## SP5 6'

## E402169-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: EG		Batch: 2408031
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.0 %	70-130	02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: EG		Batch: 2408031
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.9 %	70-130	02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: KM		Batch: 2408039
Diesel Range Organics (C10-C28)	79.8	25.0	1	02/20/24	02/22/24	
Oil Range Organics (C28-C36)	83.4	50.0	1	02/20/24	02/22/24	
<i>Surrogate: n-Nonane</i>		101 %	50-200	02/20/24	02/22/24	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2408064
Chloride	ND	40.0	2	02/21/24	02/22/24	





## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

## SP6 Surf

## E402169-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.9 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.9 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	77.9	25.0	1	02/20/24	02/23/24	
Oil Range Organics (C28-C36)	68.8	50.0	1	02/20/24	02/23/24	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		02/20/24	02/23/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	65200	2000	100	02/21/24	02/22/24	



## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

SP6 6'

E402169-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.1 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.6 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	82.3	25.0	1	02/20/24	02/23/24	
Oil Range Organics (C28-C36)	88.6	50.0	1	02/20/24	02/23/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		02/20/24	02/23/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	117	100	5	02/21/24	02/22/24	



Sample Data

Select Water Solutions, LLC	Project Name:	Dagger	
PO Box 1715	Project Number:	24019-0001	Reported:
Gainesville TX, 76241	Project Manager:	Bradley Wells	2/26/2024 1:17:03PM

HZ1 Surf  
E402169-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
Surrogate: 4-Bromochlorobenzene-PID	87.0 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.6 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/24	02/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/23/24	
Surrogate: n-Nonane	109 %	50-200		02/20/24	02/23/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	ND	20.0	1	02/21/24	02/22/24	



## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

## HZ1 1'

## E402169-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.6 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.4 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/24	02/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/23/24	
<i>Surrogate: n-Nonane</i>	101 %	50-200		02/20/24	02/23/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	ND	20.0	1	02/21/24	02/22/24	



## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

**HZ2 Surf**  
**E402169-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.6 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.3 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/24	02/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/23/24	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		02/20/24	02/23/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	ND	20.0	1	02/21/24	02/22/24	



## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

## HZ2 1'

## E402169-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.5 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.7 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/24	02/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/23/24	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		02/20/24	02/23/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	ND	20.0	1	02/21/24	02/22/24	





## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

**HZ3 Surf**  
**E402169-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.2 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	99.7 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/24	02/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/23/24	
<i>Surrogate: n-Nonane</i>	99.6 %	50-200		02/20/24	02/23/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	ND	20.0	1	02/21/24	02/22/24	



## Sample Data

Select Water Solutions, LLC  
PO Box 1715  
Gainesville TX, 76241

Project Name: Dagger  
Project Number: 24019-0001  
Project Manager: Bradley Wells

**Reported:**  
2/26/2024 1:17:03PM

## HZ3 1'

## E402169-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.5 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.9 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/24	02/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/23/24	
<i>Surrogate: n-Nonane</i>						
	88.2 %	50-200		02/20/24	02/23/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	ND	20.0	1	02/21/24	02/22/24	



Sample Data

Select Water Solutions, LLC	Project Name:	Dagger	<b>Reported:</b> 2/26/2024 1:17:03PM
PO Box 1715	Project Number:	24019-0001	
Gainesville TX, 76241	Project Manager:	Bradley Wells	

HZ4 Surf

E402169-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
Surrogate: 4-Bromochlorobenzene-PID	87.6 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.2 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/24	02/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/23/24	
Surrogate: n-Nonane	96.0 %	50-200		02/20/24	02/23/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	ND	20.0	1	02/21/24	02/22/24	



Sample Data

Select Water Solutions, LLC	Project Name:	Dagger	<b>Reported:</b> 2/26/2024 1:17:03PM
PO Box 1715	Project Number:	24019-0001	
Gainesville TX, 76241	Project Manager:	Bradley Wells	

HZ4 1'  
E402169-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Benzene	ND	0.0250	1	02/20/24	02/24/24	
Ethylbenzene	ND	0.0250	1	02/20/24	02/24/24	
Toluene	ND	0.0250	1	02/20/24	02/24/24	
o-Xylene	ND	0.0250	1	02/20/24	02/24/24	
p,m-Xylene	ND	0.0500	1	02/20/24	02/24/24	
Total Xylenes	ND	0.0250	1	02/20/24	02/24/24	
Surrogate: 4-Bromochlorobenzene-PID	86.9 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2408031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/20/24	02/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.4 %	70-130		02/20/24	02/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2408039	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/24	02/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/24	02/23/24	
Surrogate: n-Nonane	93.1 %	50-200		02/20/24	02/23/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2408064	
Chloride	ND	20.0	1	02/21/24	02/22/24	



QC Summary Data

Select Water Solutions, LLC	Project Name:	Dagger	Reported:
PO Box 1715	Project Number:	24019-0001	
Gainesville TX, 76241	Project Manager:	Bradley Wells	2/26/2024 1:17:03PM

Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2408031-BLK1)

Prepared: 02/20/24 Analyzed: 02/23/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.33		8.00		91.6	70-130			

LCS (2408031-BS1)

Prepared: 02/20/24 Analyzed: 02/23/24

Benzene	4.76	0.0250	5.00		95.3	70-130			
Ethylbenzene	4.74	0.0250	5.00		94.7	70-130			
Toluene	4.74	0.0250	5.00		94.9	70-130			
o-Xylene	4.67	0.0250	5.00		93.5	70-130			
p,m-Xylene	9.54	0.0500	10.0		95.4	70-130			
Total Xylenes	14.2	0.0250	15.0		94.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.38		8.00		92.3	70-130			

Matrix Spike (2408031-MS1)

Source: E402169-01 Prepared: 02/20/24 Analyzed: 02/24/24

Benzene	4.90	0.0250	5.00	ND	97.9	54-133			
Ethylbenzene	4.86	0.0250	5.00	ND	97.2	61-133			
Toluene	4.87	0.0250	5.00	ND	97.5	61-130			
o-Xylene	4.80	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.81	0.0500	10.0	ND	98.1	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.32		8.00		91.5	70-130			

Matrix Spike Dup (2408031-MSD1)

Source: E402169-01 Prepared: 02/20/24 Analyzed: 02/24/24

Benzene	4.54	0.0250	5.00	ND	90.7	54-133	7.62	20	
Ethylbenzene	4.50	0.0250	5.00	ND	90.0	61-133	7.74	20	
Toluene	4.52	0.0250	5.00	ND	90.3	61-130	7.65	20	
o-Xylene	4.43	0.0250	5.00	ND	88.7	63-131	7.84	20	
p,m-Xylene	9.08	0.0500	10.0	ND	90.8	63-131	7.75	20	
Total Xylenes	13.5	0.0250	15.0	ND	90.1	63-131	7.78	20	
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.1	70-130			



QC Summary Data

Select Water Solutions, LLC	Project Name:	Dagger	Reported:
PO Box 1715	Project Number:	24019-0001	
Gainesville TX, 76241	Project Manager:	Bradley Wells	2/26/2024 1:17:03PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2408031-BLK1) Prepared: 02/20/24 Analyzed: 02/23/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.3	70-130			

LCS (2408031-BS2) Prepared: 02/20/24 Analyzed: 02/24/24

Gasoline Range Organics (C6-C10)	53.5	20.0	50.0		107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.00		8.00		100	70-130			

Matrix Spike (2408031-MS2) Source: E402169-01 Prepared: 02/20/24 Analyzed: 02/24/24

Gasoline Range Organics (C6-C10)	55.5	20.0	50.0	ND	111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.89		8.00		98.6	70-130			

Matrix Spike Dup (2408031-MSD2) Source: E402169-01 Prepared: 02/20/24 Analyzed: 02/24/24

Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130	1.47	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.2	70-130			





QC Summary Data

Select Water Solutions, LLC	Project Name:	Dagger	Reported:
PO Box 1715	Project Number:	24019-0001	
Gainesville TX, 76241	Project Manager:	Bradley Wells	2/26/2024 1:17:03PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2408039-BLK1)					Prepared: 02/20/24 Analyzed: 02/22/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.2		50.0		106	50-200			

LCS (2408039-BS1)					Prepared: 02/20/24 Analyzed: 02/22/24				
Diesel Range Organics (C10-C28)	277	25.0	250		111	38-132			
Surrogate: n-Nonane	54.4		50.0		109	50-200			

Matrix Spike (2408039-MS1)					Source: E402169-04		Prepared: 02/20/24 Analyzed: 02/22/24		
Diesel Range Organics (C10-C28)	311	25.0	250	30.8	112	38-132			
Surrogate: n-Nonane	54.5		50.0		109	50-200			

Matrix Spike Dup (2408039-MSD1)					Source: E402169-04		Prepared: 02/20/24 Analyzed: 02/22/24		
Diesel Range Organics (C10-C28)	326	25.0	250	30.8	118	38-132	4.60	20	
Surrogate: n-Nonane	54.9		50.0		110	50-200			



QC Summary Data

Select Water Solutions, LLC	Project Name:	Dagger	Reported:
PO Box 1715	Project Number:	24019-0001	
Gainesville TX, 76241	Project Manager:	Bradley Wells	2/26/2024 1:17:03PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2408064-BLK1)					Prepared: 02/21/24 Analyzed: 02/21/24				
Chloride	ND	20.0							
LCS (2408064-BS1)					Prepared: 02/21/24 Analyzed: 02/21/24				
Chloride	248	20.0	250		99.0	90-110			
Matrix Spike (2408064-MS1)					Source: E402169-03		Prepared: 02/21/24 Analyzed: 02/21/24		
Chloride	27200	1000	250	76100	NR	80-120			M4
Matrix Spike Dup (2408064-MSD1)					Source: E402169-03		Prepared: 02/21/24 Analyzed: 02/21/24		
Chloride	23700	1000	250	76100	NR	80-120	13.7	20	M4

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



Definitions and Notes

Select Water Solutions, LLC	Project Name:	Dagger	
PO Box 1715	Project Number:	24019-0001	Reported:
Gainesville TX, 76241	Project Manager:	Bradley Wells	02/26/24 13:17

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

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

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



Client: Select Energy				<b>Bill To</b> Attention: Timsan Bricker Address: 1502 E Greene St. City, State, Zip: Carlsbad Phone: 515-200-7551 Email: tbricker@selectwater.com			Lab Use Only						TAT				EPA Program					
Project: Dagger							Lab WO# 402169		Job Number		1D	2D	3D	Standard	CWA	SDWA						
Project Manager: Bradley Wells							Analysis and Method						X				RCRA					
Address: 4024 Plains Hwy													State				NM		CO	UT	AZ	TX
City, State, Zip: Lovington, NM 88260, NM, 88260													Remarks				X					
Phone: 575 393-3386				DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010		Chloride 300.0		BGDOC NM		BGDOC TX				
Email: pm@hungry-horse.com																						
Report due by:																						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number																
	16-Feb	Soil	1	SP1	Surf	1									X							
	16-Feb	Soil	1	SP1	6'	2									X							
	16-Feb	Soil	1	SP2	Surf	3									X							
	16-Feb	Soil	1	SP2	6'	4									X							
	16-Feb	Soil	1	SP3	Surf	5									X							
	16-Feb	Soil	1	SP3	6'	6									X							
	16-Feb	Soil	1	SP4	Surf	7									X							
	16-Feb	Soil	1	SP4	6'	8									X							
	16-Feb	Soil	1	SP5	Surf	9									X							
	16-Feb	Soil	1	SP5	6'	10									X							

## Additional Instructions:

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

Sampled by: Jerry Heidelberg

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Andrew Messo	2-19-24	2330	Kyle R Hall	2-20-24	0530	

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

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

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



Client: Select Energy				<b>Bill To</b> Attention: Timsan Bricker Address: 1502 E Greene St. City, State, Zip: Carlsbad Phone: 515-200-7551 Email: tbricker@selectwater.com		Lab Use Only				TAT				EPA Program		
Project: Dagger						Lab WO#	Job Number			1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Bradley Wells						402169							X			
Address: 4024 Plains Hwy						Analysis and Method									RCRA	
City, State, Zip: Lovington, NM 88260, NM, 88260														State		
Phone: 575 393-3386												NM	CO	UT	AZ	TX
Email: pm@hungry-horse.com												X				
Report due by:												Remarks				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX	
	16-Feb	Soil	1	SP6	Surf	11								X		
	16-Feb	Soil	1	SP6	6'	12								X		
	16-Feb	Soil	1	HZ1	Surf	13								X		
	16-Feb	Soil	1	HZ1	1'	14								X		
	16-Feb	Soil	1	HZ2	Surf	15								X		
	16-Feb	Soil	1	HZ2	1'	16								X		
	16-Feb	Soil	1	HZ3	Surf	17								X		
	16-Feb	Soil	1	HZ3	1'	18								X		
	16-Feb	Soil	1	HZ4	Surf	19								X		
	16-Feb	Soil	1	HZ4	1'	20								X		

## Additional Instructions:

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

Sampled by: Terry Halberg

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>Sanford</u>	2/19/24	13:38	<u>Michelle Ouyf</u>	2-19-24	1338	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>Michelle Ouyf</u>	2-19-24	1615	<u>Andrew HBSO</u>	2-19-24	1730	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>Andrew HBSO</u>	2-19-24	2330	<u>Hughes R Hall</u>	2-20-24	0530	

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

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

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

## Envirotech Analytical Laboratory

Printed: 2/20/2024 12:10:08PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Select Energy	Date Received:	02/20/24 05:30	Work Order ID:	E402169
Phone:	(575) 393-3386	Date Logged In:	02/19/24 17:29	Logged In By:	Alexa Michaels
Email:	pm@hungry-horse.com	Due Date:	02/26/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Carrier: courier

Note: Analysis, such as pH which should be conducted in the field,  
i.e., 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Time sampled not documented on COC.

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

Date



envirotech Inc.





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

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April 18, 2024

MIKE HOLDER

ELITE ENVIRONMENTAL SERVICES

P.O. BOX 735

GAINSVILLE, TX 76241

RE: DAGGER ^ LLJ

Enclosed are the results of analyses for samples received by the laboratory on 04/12/24 8:43.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

ELITE ENVIRONMENTAL SERVICES  
 MIKE HOLDER  
 P.O. BOX 735  
 GAINSVILLE TX, 76241  
 Fax To:

Received: 04/12/2024  
 Reported: 04/18/2024  
 Project Name: DAGGER ^ LLJ  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2024  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TS - 1 (H241934-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/16/2024	ND	432	108	400	3.64		

**Sample ID: TS - 2 (H241934-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/16/2024	ND	432	108	400	3.64	

**Sample ID: TS - 3 (H241934-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/16/2024	ND	432	108	400	3.64		

**Sample ID: TS - 4 (H241934-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/16/2024	ND	432	108	400	3.64		

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ELITE ENVIRONMENTAL SERVICES  
 MIKE HOLDER  
 P.O. BOX 735  
 GAINSVILLE TX, 76241  
 Fax To:

Received: 04/12/2024  
 Reported: 04/18/2024  
 Project Name: DAGGER ^ LLJ  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2024  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TS - 5 (H241934-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/16/2024	ND	432	108	400	3.64		

**Sample ID: TS - 6 (H241934-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/16/2024	ND	432	108	400	3.64	

**Sample ID: TS - 7 (H241934-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/16/2024	ND	432	108	400	3.64	

**Sample ID: TS - 8 (H241934-08)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/16/2024	ND	432	108	400	3.64	

**Sample ID: TS - 9 (H241934-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/16/2024	ND	432	108	400	3.64		

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

ELITE ENVIRONMENTAL SERVICES  
 MIKE HOLDER  
 P.O. BOX 735  
 GAINSVILLE TX, 76241  
 Fax To:

Received: 04/12/2024  
 Reported: 04/18/2024  
 Project Name: DAGGER ^ LLJ  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2024  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TS - 10 (H241934-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/16/2024	ND	432	108	400	3.64		

**Sample ID: WW - 1 (H241934-11)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/16/2024	ND	432	108	400	3.64	

**Sample ID: WW - 2 (H241934-12)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/16/2024	ND	432	108	400	3.64	

**Sample ID: WW - 3 (H241934-13)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/16/2024	ND	432	108	400	3.64		

**Sample ID: WW - 4 (H241934-14)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/16/2024	ND	432	108	400	3.64	

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ELITE ENVIRONMENTAL SERVICES  
 MIKE HOLDER  
 P.O. BOX 735  
 GAINSVILLE TX, 76241  
 Fax To:

Received: 04/12/2024  
 Reported: 04/18/2024  
 Project Name: DAGGER ^ LLJ  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2024  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Shalyn Rodriguez

**Sample ID: WW - 5 (H241934-15)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	04/16/2024	ND	432	108	400	3.64		

**Sample ID: SW - 1 (H241934-16)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/16/2024	ND	432	108	400	3.64		

**Sample ID: WW - 1 (H241934-17)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/16/2024	ND	432	108	400	3.64		

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

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

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

---

Celey D. Keene, Lab Director/Quality Manager





### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

**PLEASE NOTE:** Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based on any of the above stated reasons or otherwise.

Relinquished By: <i>[Signature]</i>		Date: 4-12-24 Time: 0843		Received By: <i>[Signature]</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: <i>415/24</i>	
Relinquished By:		Date:		Received By:		All Results are emailed. Please provide Email address: <i>*Cust. Approved changes to method. To: 4/15/24</i>	
		Time:				REMARKS: <i>customer was informed of 3 or 4 Day flag on report due to sample temp. Skodkiewicz</i>	
Delivered By: (Circle One)		Observed Temp. °C <i>8.9</i>		Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials) <i>SK</i>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input checked="" type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
						Thermometer ID #140 Correction Factor 0°C	
						Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	

~~FORM-000 R 3.4 07/11/23~~

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)





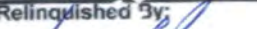
**CARDINAL**  
Laboratories

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

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

**PLEASE NOTE:** Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based on any of the above stated reasons or otherwise.

Relinquished By: 		Date: 4-12-24	Received By: 	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Time: 0843				All Results are emailed. Please provide Email address:	
Relinquished By:		Date:	Received By:	* Cust. approved changes to method	
Time:				REMARKS: 3 or 4 DAY	
Delivered By: (Circle One)	Observed Temp. °C: 8.9	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>	CHECKED BY: (Initials): 	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	Bacteria (only) Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C:	Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Thermometer ID #140	Yes <input type="checkbox"/> Yes <input type="checkbox"/>
				Correction Factor 0°C	No <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C

~~FORM-000 R 3.4 07/11/23~~

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)



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

June 05, 2024

MIKE HOLDER

ELITE ENVIRONMENTAL SERVICES

P.O. BOX 735

GAINSVILLE, TX 76241

RE: DAGGER ^ LLJ

Enclosed are the results of analyses for samples received by the laboratory on 06/04/24 15:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

ELITE ENVIRONMENTAL SERVICES  
 MIKE HOLDER  
 P.O. BOX 735  
 GAINSVILLE TX, 76241  
 Fax To:

Received: 06/04/2024  
 Reported: 06/05/2024  
 Project Name: DAGGER ^ LLJ  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NM

Sampling Date: 06/04/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: ESW - 1 (H243155-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	06/05/2024	ND	448	112	400	0.00	

**Sample ID: ESW - 2 (H243155-02)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	06/05/2024	ND	448	112	400	0.00	

**Sample ID: ESW - 3 (H243155-03)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	06/05/2024	ND	448	112	400	0.00	

**Sample ID: ESW - 4 (H243155-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	06/05/2024	ND	448	112	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ELITE ENVIRONMENTAL SERVICES  
 MIKE HOLDER  
 P.O. BOX 735  
 GAINSVILLE TX, 76241  
 Fax To:

Received: 06/04/2024  
 Reported: 06/05/2024  
 Project Name: DAGGER ^ LLJ  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NM

Sampling Date: 06/04/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: ESW - 5 (H243155-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	06/05/2024	ND	448	112	400	0.00		

**Sample ID: ESW - 6 (H243155-06)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/05/2024	ND	416	104	400	0.00	

**Sample ID: ESW - 7 (H243155-07)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7500	16.0	06/05/2024	ND	416	104	400	0.00	

**Sample ID: ESW - 8 (H243155-08)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/05/2024	ND	416	104	400	0.00		

**Sample ID: ESW - 9 (H243155-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/05/2024	ND	416	104	400	0.00		

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

Company Name: <b>Elite Environmental</b> Project Manager: <b>Mike Holder</b> Address: <b>P.O. Box 735</b> City: <b>Gainesville</b> State: <b>TX</b> Zip: <b>76241</b> Phone #: <b>918-740-2766</b> Fax #: Project #: <b>0aggar 1LLJ</b> Project Owner: <b>Select water</b> Project Name: <b>0aggar 1LLJ</b> Project Location: <b>Lea County, New Mexico</b> Sampler Name:				<b>BILL TO</b> P.O. #: Company: <b>Elite</b> Attn: <b>Toby Reynolds</b> Address: <b>P.O. Box 735</b> City: <b>Gainesville, TX</b> State: <b>TX</b> Zip: <b>76241</b> Phone #: Fax #:				<b>ANALYSIS REQUEST</b>																					
<b>FOR LAB USE ONLY</b>				<b>MATRIX</b>				<b>PRESERV.</b>		<b>SAMPLING</b>																			
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>	<b># CONTAINERS</b>	<b>GROUNDWATER</b>	<b>WASTEWATER</b>	<b>SOIL</b>	<b>OIL</b>	<b>SLUDGE</b>	<b>OTHER :</b>	<b>ACID/BASE:</b>	<b>ICE / COOL</b>	<b>OTHER :</b>	<b>DATE</b>	<b>TIME</b>													
<b>1243155</b>		<b>ESW - 1</b>		<b>6</b>	<b>1</b>			X					X		<b>6-4-24</b>	<b>9:15</b>	<b>X</b>												
<b>2</b>		<b>ESW - 2</b>		<b>6</b>	<b>1</b>			X					X			<b>9:25</b>	<b>X</b>												
<b>3</b>		<b>ESW - 3</b>		<b>6</b>	<b>1</b>			X					X			<b>9:30</b>	<b>X</b>												
<b>4</b>		<b>ESW - 4</b>		<b>6</b>	<b>1</b>			X					X			<b>9:37</b>	<b>X</b>												
<b>5</b>		<b>ESW - 5</b>		<b>6</b>	<b>1</b>			X					X			<b>9:45</b>	<b>X</b>												
<b>6</b>		<b>ESW - 6</b>		<b>6</b>	<b>1</b>			X					X			<b>9:55</b>	<b>X</b>												
<b>7</b>		<b>ESW - 7</b>		<b>6</b>	<b>1</b>			X					X			<b>10:15</b>	<b>X</b>												
<b>8</b>		<b>ESW - 8</b>		<b>6</b>	<b>1</b>			X					X			<b>10:25</b>	<b>X</b>												
<b>9</b>		<b>ESW - 9</b>		<b>6</b>	<b>1</b>			X					X			<b>10:35</b>	<b>X</b>												

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Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_

Relinquished By: 		Date: 6-4-24 Time: 1538		Received By: 		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:	
Relinquished By:		Date:		Received By:		REMARKS: 	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C 1-32		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) 	
Sampler - UPS - Bus - Other:		Corrected Temp. °C				Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> #140	
FORM-006 R 3.3 07/18/22						Thermometer ID: #443 Correction Factor: -0.8°C	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)



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

June 06, 2024

MIKE HOLDER

ELITE ENVIRONMENTAL SERVICES

P.O. BOX 735

GAINSVILLE, TX 76241

RE: DAGGER ^ LLJ

Enclosed are the results of analyses for samples received by the laboratory on 06/05/24 16:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

ELITE ENVIRONMENTAL SERVICES  
 MIKE HOLDER  
 P.O. BOX 735  
 GAINSVILLE TX, 76241  
 Fax To:

Received: 06/05/2024  
 Reported: 06/06/2024  
 Project Name: DAGGER ^ LLJ  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NM

Sampling Date: 06/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: TS - 1 (H243204-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/06/2024	ND	416	104	400	7.41		

**Sample ID: TS - 2 (H243204-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/06/2024	ND	416	104	400	7.41		

**Sample ID: TS - 3 (H243204-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/06/2024	ND	416	104	400	7.41		

**Sample ID: TS - 4 (H243204-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/06/2024	ND	416	104	400	7.41	

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ELITE ENVIRONMENTAL SERVICES  
 MIKE HOLDER  
 P.O. BOX 735  
 GAINSVILLE TX, 76241  
 Fax To:

Received: 06/05/2024  
 Reported: 06/06/2024  
 Project Name: DAGGER ^ LLJ  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NM

Sampling Date: 06/05/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: TS - 5 (H243204-05)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/06/2024	ND	416	104	400	7.41		

**Sample ID: TS - 6 (H243204-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/06/2024	ND	416	104	400	7.41	

**Sample ID: TS - 7 (H243204-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/06/2024	ND	416	104	400	7.41	

**Sample ID: TS - 8 (H243204-08)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/06/2024	ND	416	104	400	7.41	

**Sample ID: TS - 9 (H243204-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/06/2024	ND	416	104	400	7.41		

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ELITE ENVIRONMENTAL SERVICES  
MIKE HOLDER  
P.O. BOX 735  
GAINSVILLE TX, 76241  
Fax To:

Received: 06/05/2024  
Reported: 06/06/2024  
Project Name: DAGGER ^ LLJ  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 06/05/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

**Sample ID: TS - 10 (H243204-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/06/2024	ND	416	104	400	7.41		

**Sample ID: TS - 11 (H243204-11)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/06/2024	ND	432	108	400	3.64	

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 6 of 6

Company Name: <u>Elite Environmental</u>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																			
Project Manager: <u>Mike Holder</u>				P.O. #:				4500 Chlorides																			
Address: <u>P.O. Box 735</u>				Company: <u>Elite</u>																							
City: <u>Gainsville</u> State: <u>TX</u> Zip: <u>76241</u>				Attn: <u>Toby Reynolds</u>																							
Phone #: <u>918-240-2766</u> Fax #:				Address:																							
Project #: Project Owner:				City:																							
Project Name: <u>Dagger 1 LIT</u>				State: Zip:																							
Project Location: <u>Levy County New Mexico</u>				Phone #:																							
Sampler Name: <u>Holder &amp; Valdez</u>				Fax #:																							
FOR LAB USE ONLY				MATRIX				PRESERV.		SAMPLING																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
H243224 1 2 3 4 5 6 7 8 9 10 11	TS-1	G	1			X					X		6-5-24	2:45	X												
	TS-2	G	1			X					X		6-5-24	2:50	X												
	TS-3	G	1			X					X			2:55													
	TS-4	G	1			X					X			3:00													
	TS-5	G	1			X					X			3:02													
	TS-6	G	1			X					X			3:05													
	TS-7	G	1			X					X			3:09													
	TS-8	G	1			X					X			3:12													
	TS-9	G	1			X					X			3:15													
	TS-10	G	1			X					X			3:20													
	TS-11	G	1			X					X			3:25													

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Relinquished By: <u>[Signature]</u>		Date: <u>6-5-24</u>	Received By: <u>[Signature]</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: <u>10:13</u>		Time: <u>10:13</u>		All Results are emailed. Please provide Email address:		
Relinquished By:		Date:	Received By:		REMARKS: <u>24 hr</u>	
Time:						
Delivered By: (Circle One)	Observed Temp. °C <u>4.9°C</u>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <u>PA</u>	Turnaround Time: <u>4524 AD</u>	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No
Sampler - UPS - Bus - Other:	Corrected Temp. °C	<input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #113	Correction Factor -0.6°C	<input type="checkbox"/> Yes <input type="checkbox"/> No

FORM-006 R 3.3 07/16/22

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)



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

June 07, 2024

MIKE HOLDER

ELITE ENVIRONMENTAL SERVICES

P.O. BOX 735

GAINSVILLE, TX 76241

RE: DAGGER ^ LLJ

Enclosed are the results of analyses for samples received by the laboratory on 06/07/24 8:43.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

ELITE ENVIRONMENTAL SERVICES  
 MIKE HOLDER  
 P.O. BOX 735  
 GAINSVILLE TX, 76241  
 Fax To:

Received: 06/07/2024  
 Reported: 06/07/2024  
 Project Name: DAGGER ^ LLJ  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NM

Sampling Date: 06/07/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: ESW-2 (H243262-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/07/2024	ND	448	112	400	3.51	

**Sample ID: ESW-3 (H243262-02)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/07/2024	ND	448	112	400	3.51	

**Sample ID: ESW-4 (H243262-03)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/07/2024	ND	448	112	400	3.51	

**Sample ID: ESW-7 (H243262-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/07/2024	ND	448	112	400	3.51	

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

ELITE ENVIRONMENTAL SERVICES  
 MIKE HOLDER  
 P.O. BOX 735  
 GAINSVILLE TX, 76241  
 Fax To:

Received: 06/07/2024  
 Reported: 06/07/2024  
 Project Name: DAGGER ^ LLJ  
 Project Number: NONE GIVEN  
 Project Location: LEA COUNTY, NM

Sampling Date: 06/07/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: BF-1 (H243262-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/07/2024	ND	448	112	400	3.51		

**Sample ID: BF-2 (H243262-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/07/2024	ND	448	112	400	3.51	

**Sample ID: BF-3 (H243262-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/07/2024	ND	448	112	400	3.51		

**Sample ID: BF-4 (H243262-08)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/07/2024	ND	448	112	400	3.51	

**Sample ID: BF-5 (H243262-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/07/2024	ND	448	112	400	3.51	

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ELITE ENVIRONMENTAL SERVICES  
MIKE HOLDER  
P.O. BOX 735  
GAINSVILLE TX, 76241  
Fax To:

Received: 06/07/2024  
Reported: 06/07/2024  
Project Name: DAGGER ^ LLJ  
Project Number: NONE GIVEN  
Project Location: LEA COUNTY, NM

Sampling Date: 06/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Alyssa Parras

**Sample ID: BF-6 (H243262-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/07/2024	ND	448	112	400	3.51		

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Elite Environmental</u>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																				
Project Manager: <u>Mike Holder</u>		P.O. #: <u>Elite</u>																						
Address: <u>P.O. Box 735</u>		Company: <u>Toby Reynolds</u>																						
City: <u>Gainesville</u> State: <u>TX</u> Zip: <u>76241</u>		Attn: <u>PO 735</u>																						
Phone #: <u>918-740-2766</u> Fax #:		Address: <u>Gainesville</u>																						
Project #: Project Owner:		City: <u>TX</u>																						
Project Name: <u>Dagger 1 LLT</u>		State: Zip:																						
Project Location: <u>Lea County, New Mexico</u>		Phone #: <u>940-372-8512</u>																						
Sampler Name: <u>Holder vaboz</u>		Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING		<u>Chlorides - 4500</u>														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:											ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME
<u>H243242</u>																								
<u>1</u>	<u>ESW - 2</u>	<u>G</u>	<u>1</u>			<u>X</u>														<u>X</u>			<u>7-7-24</u>	<u>0606</u>
<u>2</u>	<u>ESW - 3</u>	<u>G</u>	<u>1</u>			<u>X</u>														<u>X</u>			<u>7-7-24</u>	<u>0605</u>
<u>3</u>	<u>ESW - 4</u>	<u>G</u>	<u>1</u>			<u>X</u>														<u>X</u>				<u>0610</u>
<u>4</u>	<u>ESW - 7</u>	<u>G</u>	<u>1</u>			<u>X</u>														<u>X</u>				<u>0615</u>
<u>5</u>	<u>BF-1</u>	<u>G</u>	<u>1</u>			<u>X</u>														<u>X</u>				<u>0620</u>
<u>6</u>	<u>BF-2</u>	<u>G</u>	<u>1</u>			<u>X</u>														<u>X</u>				<u>0625</u>
<u>7</u>	<u>BF-3</u>	<u>G</u>	<u>1</u>			<u>X</u>														<u>X</u>				<u>0630</u>
<u>8</u>	<u>BF-4</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>X</u>				<u>0635</u>										
<u>9</u>	<u>BF-5</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>X</u>				<u>0640</u>										
<u>10</u>	<u>BF-6</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>X</u>				<u>0650</u>										

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Relinquished By: <u>[Signature]</u>	Date: <u>8-7-24</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Time: <u>843</u>			All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS: <u>Rush 24</u>
Time:			
Delivered By: (Circle One)	Observed Temp. °C: <u>23.0</u>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <u>[Signature]</u>
Sampler - UPS - Bus - Other:	Corrected Temp. °C:	Turnaround Time: <u>Standard</u> <input type="checkbox"/> <u>Rush</u> <input checked="" type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No
		Thermometer ID #113 Correction Factor -0.6°C	Observed Temp. °C: <u>140</u>
			Corrected Temp. °C:

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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinalabsnm.com



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## Appendix D: Photographic Documentation

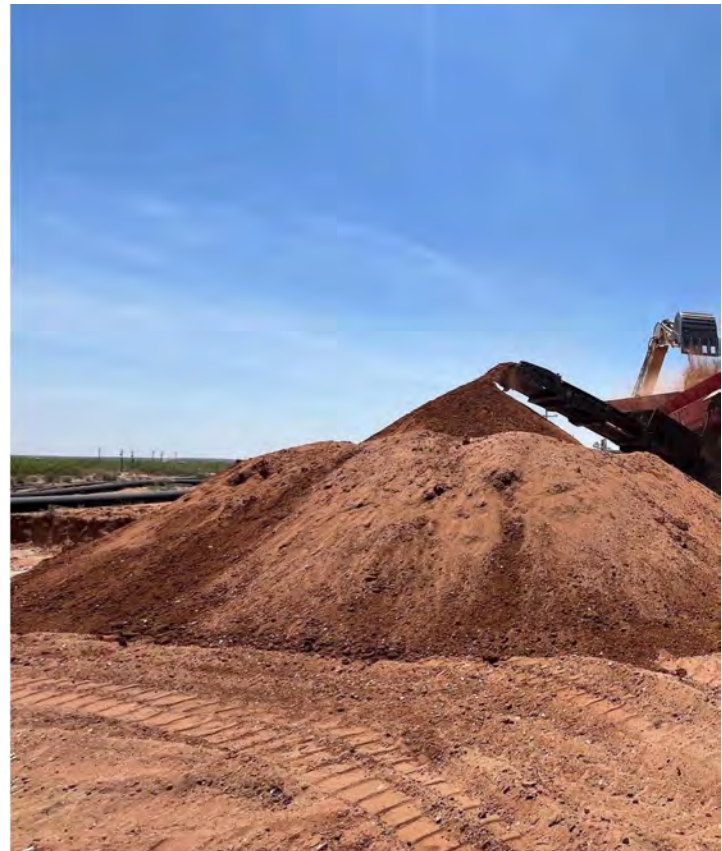


APPENDIX D  
PHOTOGRAPHIC DOCUMENTATION  
DAGGER - EXCAVATION





APPENDIX D  
PHOTOGRAPHIC DOCUMENTATION  
DAGGER - TREATMENT





APPENDIX D  
PHOTOGRAPHIC DOCUMENTATION  
DAGGER - BACKFILL



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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 413976

QUESTIONS

Operator: SELECT WATER SOLUTIONS, LLC 1820 N I-35 Gainesville, TX 76240	OGRID: 289068
	Action Number: 413976
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2402032332
Incident Name	NAPP2402032332 DAGGER @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DAGGER
Date Release Discovered	01/19/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 438 BBL   Recovered: 380 BBL   Lost: 58 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	NO INJURIES, NO EMERGENCY SERVICES CONTACTED, ALL ON ROW

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

QUESTIONS, Page 2

Action 413976

**QUESTIONS (continued)**

Operator: SELECT WATER SOLUTIONS, LLC 1820 N I-35 Gainesville, TX 76240	OGRID: 289068
	Action Number: 413976
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Timsan Bricker Title: ENV Coordinator Email: tbricker@selectwater.com Date: 12/19/2024
--	---

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 413976

**QUESTIONS (continued)**

Operator: SELECT WATER SOLUTIONS, LLC 1820 N I-35 Gainesville, TX 76240	OGRID: 289068
	Action Number: 413976
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Site Characterization</b>	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

<b>Remediation Plan</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	76100
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	170.9
GRO+DRO (EPA SW-846 Method 8015M)	82.3
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	01/31/2025
On what date will (or did) the final sampling or liner inspection occur	02/15/2025
On what date will (or was) the remediation complete(d)	03/15/2025
What is the estimated surface area (in square feet) that will be reclaimed	12900
What is the estimated volume (in cubic yards) that will be reclaimed	3990
What is the estimated surface area (in square feet) that will be remediated	12900
What is the estimated volume (in cubic yards) that will be remediated	3990
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 413976

**QUESTIONS (continued)**

Operator: SELECT WATER SOLUTIONS, LLC 1820 N I-35 Gainesville, TX 76240	OGRID: 289068
	Action Number: 413976
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	<i>Not answered.</i>
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<b>Yes</b>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<i>Not answered.</i>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	<i>Not answered.</i>
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	<b>Name:</b> Timsan Bricker <b>Title:</b> ENV Coordinator <b>Email:</b> tbricker@selectwater.com <b>Date:</b> 12/19/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	



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QUESTIONS, Page 5  
  
Action 413976

QUESTIONS (continued)

Operator:  SELECT WATER SOLUTIONS, LLC 1820 N I-35 Gainesville, TX 76240	OGRID:  289068
	Action Number:  413976
	Action Type:  [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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



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QUESTIONS, Page 6  
  
Action 413976

QUESTIONS (continued)

Operator:  SELECT WATER SOLUTIONS, LLC 1820 N I-35 Gainesville, TX 76240	OGRID:  289068
	Action Number:  413976
	Action Type:  [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 413976

**CONDITIONS**

Operator: SELECT WATER SOLUTIONS, LLC 1820 N I-35 Gainesville, TX 76240	OGRID: 289068
	Action Number: 413976
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**CONDITIONS**

Created By	Condition	Condition Date
nvez	Remediation plan is approved with the following condition; 1. Chemically treated soils will not be acceptable for backfill due to the remediation process not being pre-approved by OCD. 2. Chemically treated soils must have its disposition at an OCD approved facility and manifest included within the final remediation closure report. 3. Prior to backfilling the open excavation per 19.15.29.12D (2) NMAC, Select Water must collect a minimum of one five-point composite from the media being used as backfill to verify that it meets non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. This is especially important for the material being used within the top 4 feet from the ground surface. 4. Select Water has 90-days (April 15, 2025) to submit to OCD its appropriate or final remediation closure report.	1/15/2025