



Site Information

Closure Report
Pinochle BNP State Com 2H
Eddy County, New Mexico
Unit D Sec 22 T25S R28E
2RP-4732
32.121367°, -104.083262°

Produced Water Release
Source: 4" poly transition line
Release Date: 8/29/2017
Volume Released: 135 bbls/PW
Volume Recovered: 130 bbls/PW

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

Prepared by:
NTG Environmental
701 Tradewinds Blvd
Suite C
Midland, TX 79706



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APPENDIX C	LABORATORY ANALYTICAL REPORTS



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April 8, 2021

Mr. Bradford Billings
New Mexico Oil Conservation Division
5200 Oakland Ave N.E Suite100
Albuquerque, NM 87113

Re: Closure Report
Pinochle BNP State Com 2H 2RP-4372
EOG Resources Inc.
Site Location: Unit D, S22, T25S, R28E
(Lat 32.121367°, Long -104.083262°)
Eddy County, New Mexico

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment activities for the Pinochle BNP State Com 2H 2RP-4372. The site is located at 32.121367°, -104.083262° within Unit D, S22, T25S, R28E, and approximately 11.17 miles south of Loving, New Mexico, in Eddy County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on August 29, 2017. It resulted in the release of approximately one hundred and thirty-five (135) barrels of produced water due to a 4" poly transition line rupture. Approximately one hundred and thirty (130) barrels of fluids were recovered. The impacted area was contained on the pad and measured approximately 300' x 30', as shown on Figure 3. The initial C-141 form is attached in Appendix A.

On November 27, 2017, a work plan was approved by the New Mexico Oil Conservation District.

Site Characterization

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineer's and USGS databases, there are no known water sources within ½ miles radius of the location. The nearest identified well is located approximately 1.56 miles southwest of the site in S20, T25S, R28E. The well has a reported depth to groundwater of 96 feet below ground surface (ft bgs). A copy of the associated *Point of Diversion Summary* report is attached in Appendix B.

Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 1,000 mg/kg (GRO + DRO + MRO).
- Chloride 600 mg/kg

Remediation Activities and Confirmation Sampling

New Tech Global Environmental personnel were onsite from March 2, 2021, through March 10, 2021, to supervise the remediation activities and collect confirmation samples. Before remediating the site, the lines were hydro vacced and hand spotted for safety concerns. The areas of S-1 and S-2 were excavated to a depth of 3.0' below surface. Also, the area of S-3 was excavated to a depth of 0.5' below surface.

A total of seventy-one (71) confirmation samples were collected (CS-1 through CS-71), and nineteen (19) sidewall samples (SW-1 through SW-19) were collected every 200 square feet to ensure proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 1. The excavation depths and confirmation sample locations are shown in Figure 4A and Figure 4B.

Referring to Table 1, none of the confirmation samples showed TPH, benzene, or total BTEX above the reporting limits. All confirmation samples for chloride were below 600 mg/kg.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 1,550 cubic yards of material were excavated and transported offsite for proper disposal

Conclusions

Based on the finding of the assessment and the analytical results, no further actions are required at the site. The final C-141 is attached, and EOG formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-0263.

Sincerely,
NTG Environmental



Mike Carmona
Senior Project Manager

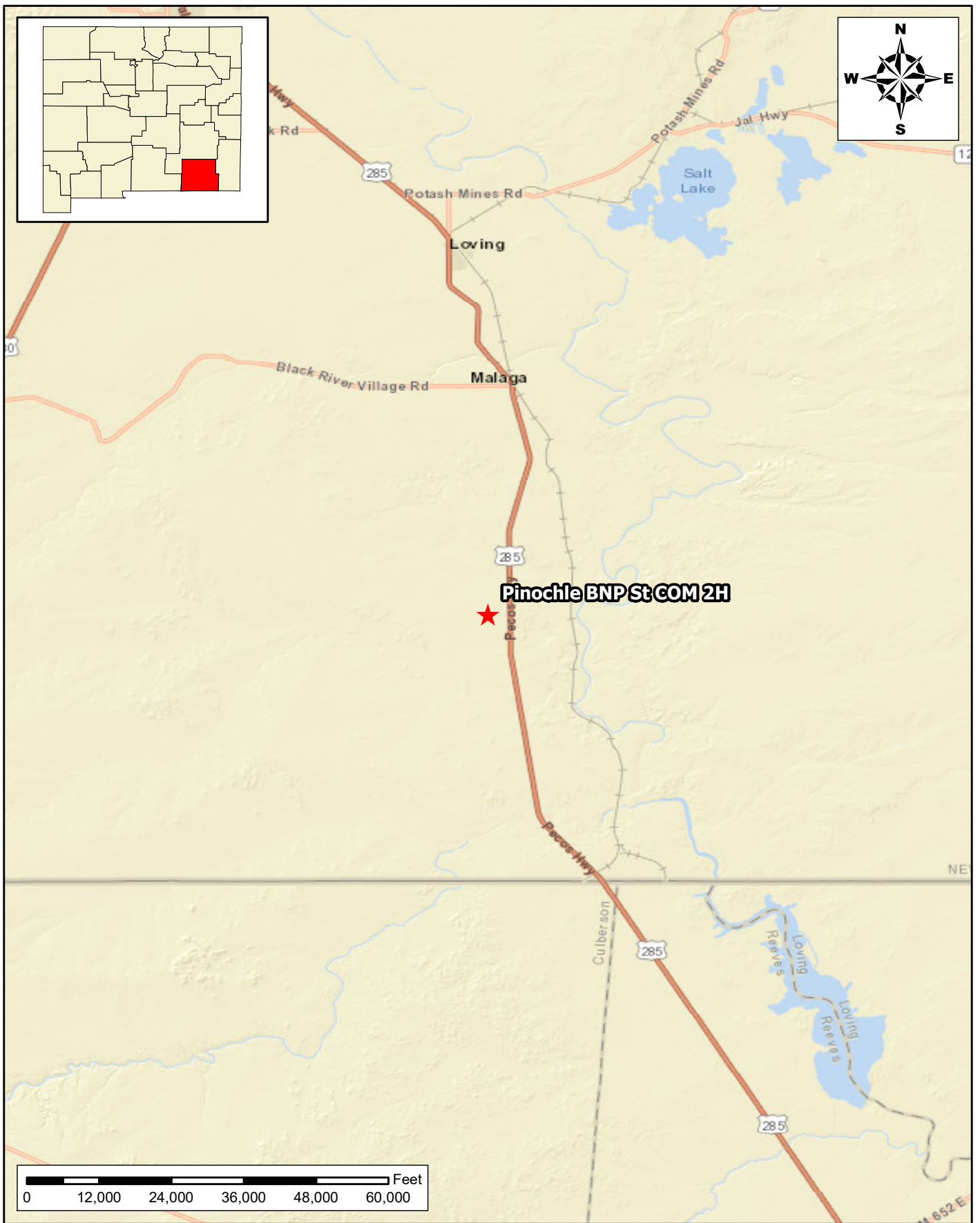


Conner Moehring
Project Manager



Figures

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SITE LOCATION MAP
EOG RESOURCES
PINOCHLE BNP ST COM 2H
EDDY COUNTY, NM
32.121367, -104.083262

SCALE: AS SHOWN DATE: 03/01/2021 PROJECT #: 213915

New Tech Global Environmental, LLC
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NOTES:

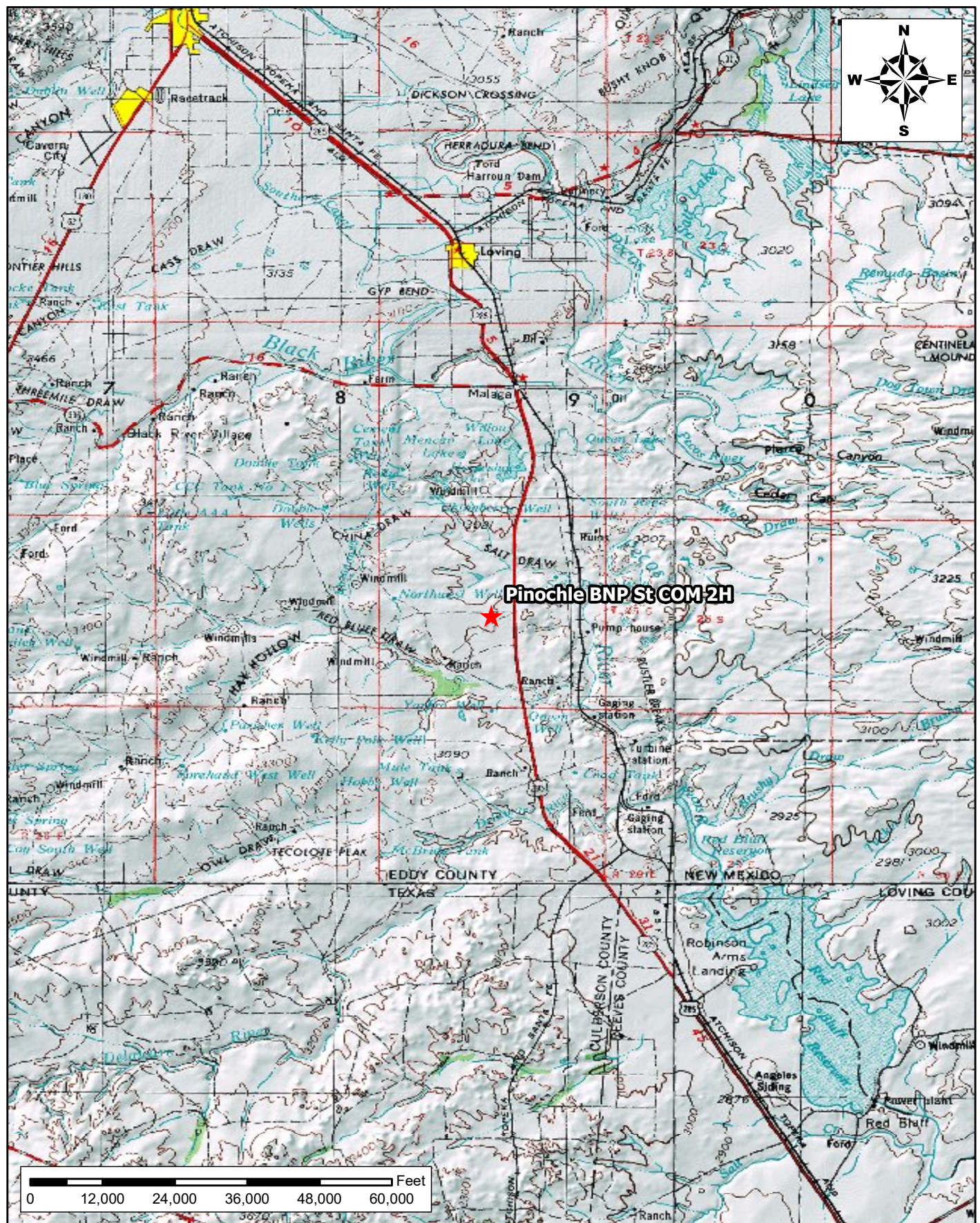
1. Base Image: ESRI Maps & Data 2016
2. Map Projection: NAD 1983



Site Location

FIGURE 1

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AREA MAP
 EOG RESOURCES
 PINOCHLE BNP ST COM 2H
 EDDY COUNTY, NM
 32.121367, -104.083262

SCALE: AS SHOWN DATE: 03/01/2021 PROJECT #: 213915

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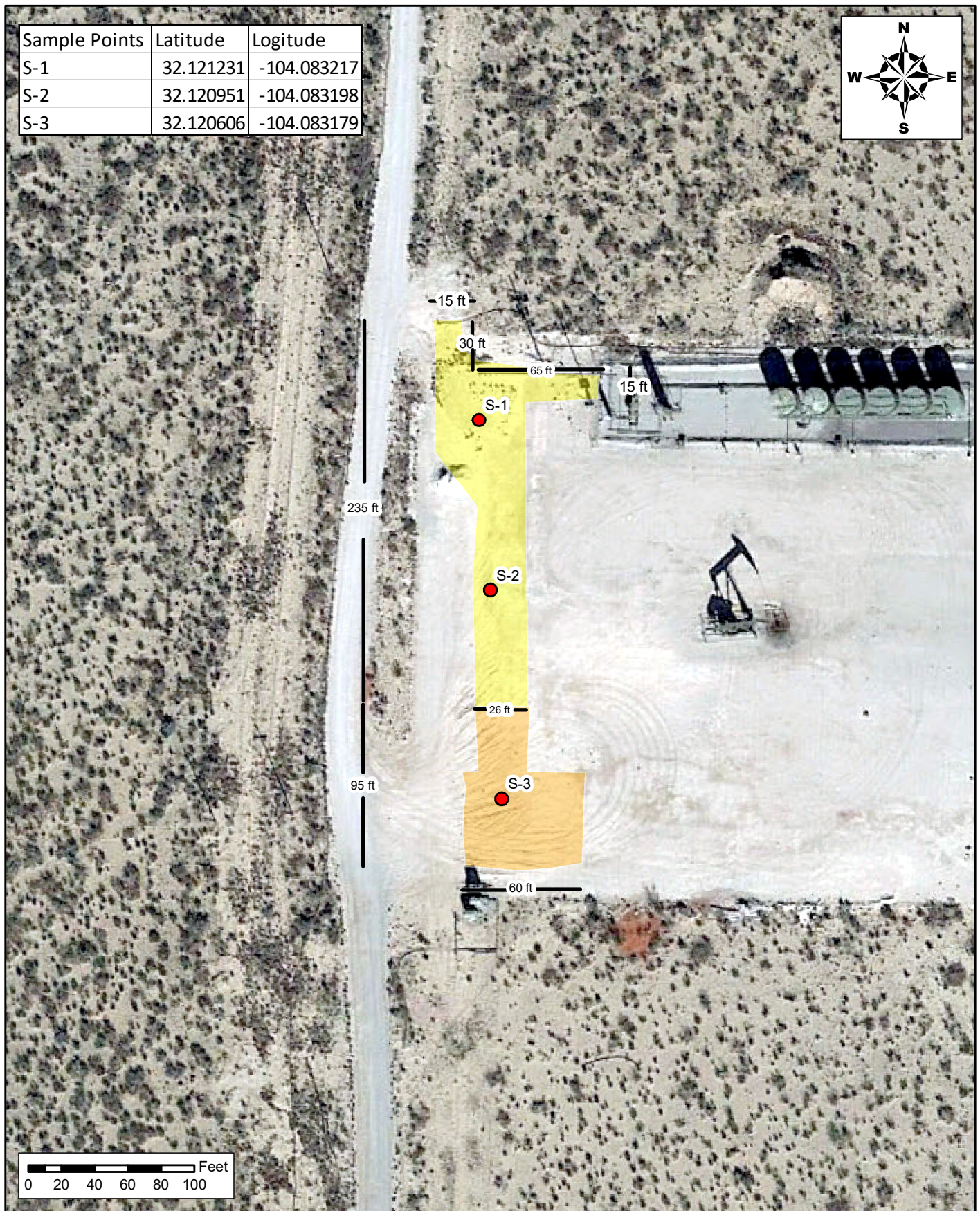
NOTES:

1. Base Image: ESRI Maps & Data 2016
2. Map Projection: NAD 1983

★ Site Location

FIGURE 2

Sample Points	Latitude	Logitude
S-1	32.121231	-104.083217
S-2	32.120951	-104.083198
S-3	32.120606	-104.083179



SAMPLE LOCATION MAP
EOG RESOURCES
PINOCHLE BNP STATE COM #2
EDDY COUNTY, NM
32.121367, -104.083262

LEGEND
● Sample Points
■ Proposed 2.5 ft - 3.0 ft
■ Proposed 0.5 ft - 1.0 ft



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NOTES:

1. Base Image: ESRI Maps & Data 2016
2. Map Projection: NAD 1983

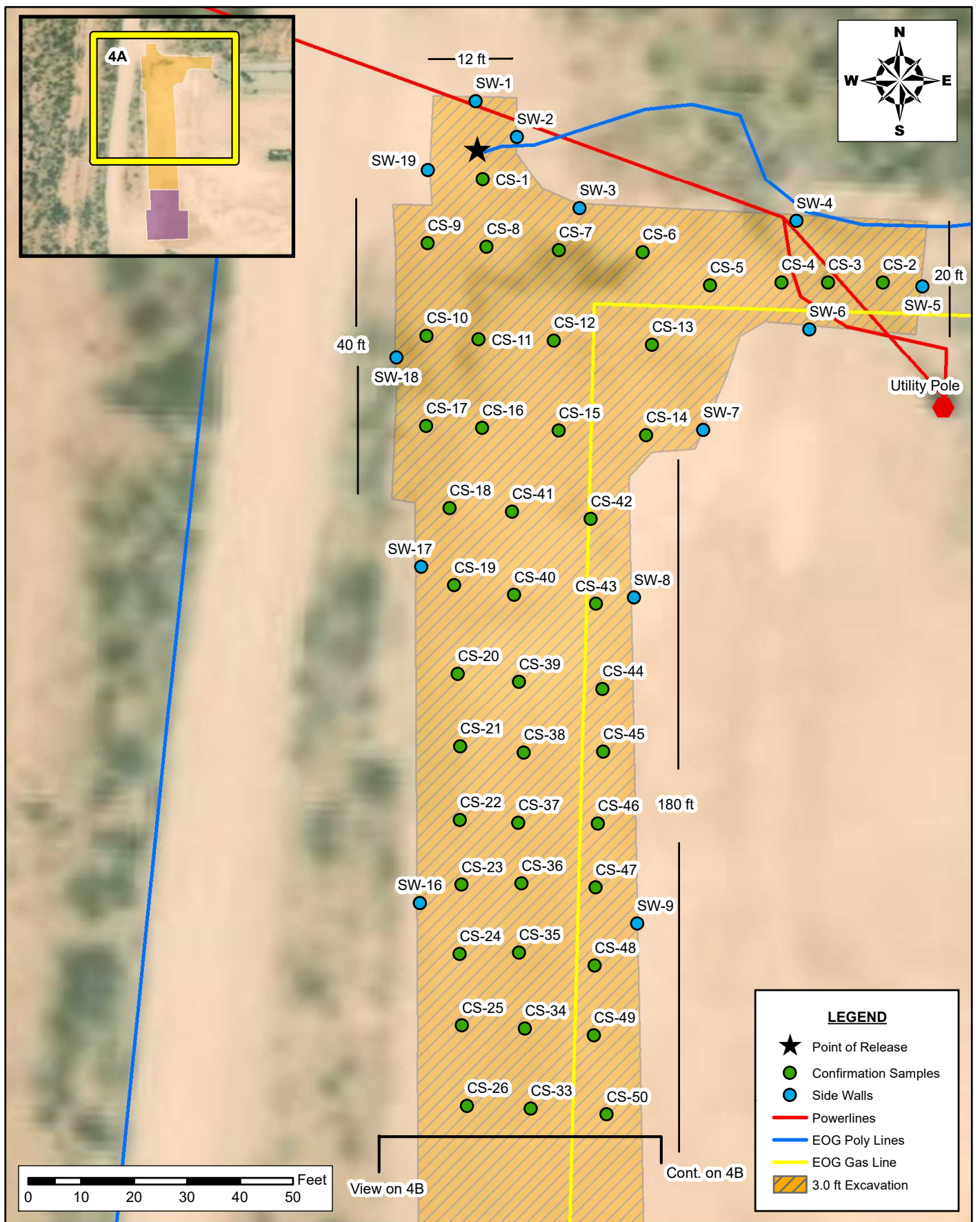
FIGURE 3

SCALE: AS SHOWN

DATE: 03/01/2021

PROJECT #: 213851

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SAMPLE LOCATION MAP
 EOG RESOURCES
 PINOCHLE BNP FED COM 2H 2RP-4732
 EDDY COUNTY, NM
 32.121367, -104.083262

SCALE: As Shown DATE: 03/18/2015 PROJECT #: 213915

New Tech Global Environmental, LLC
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NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N
3. Map split into 2 sections labeled 4A, and 4B

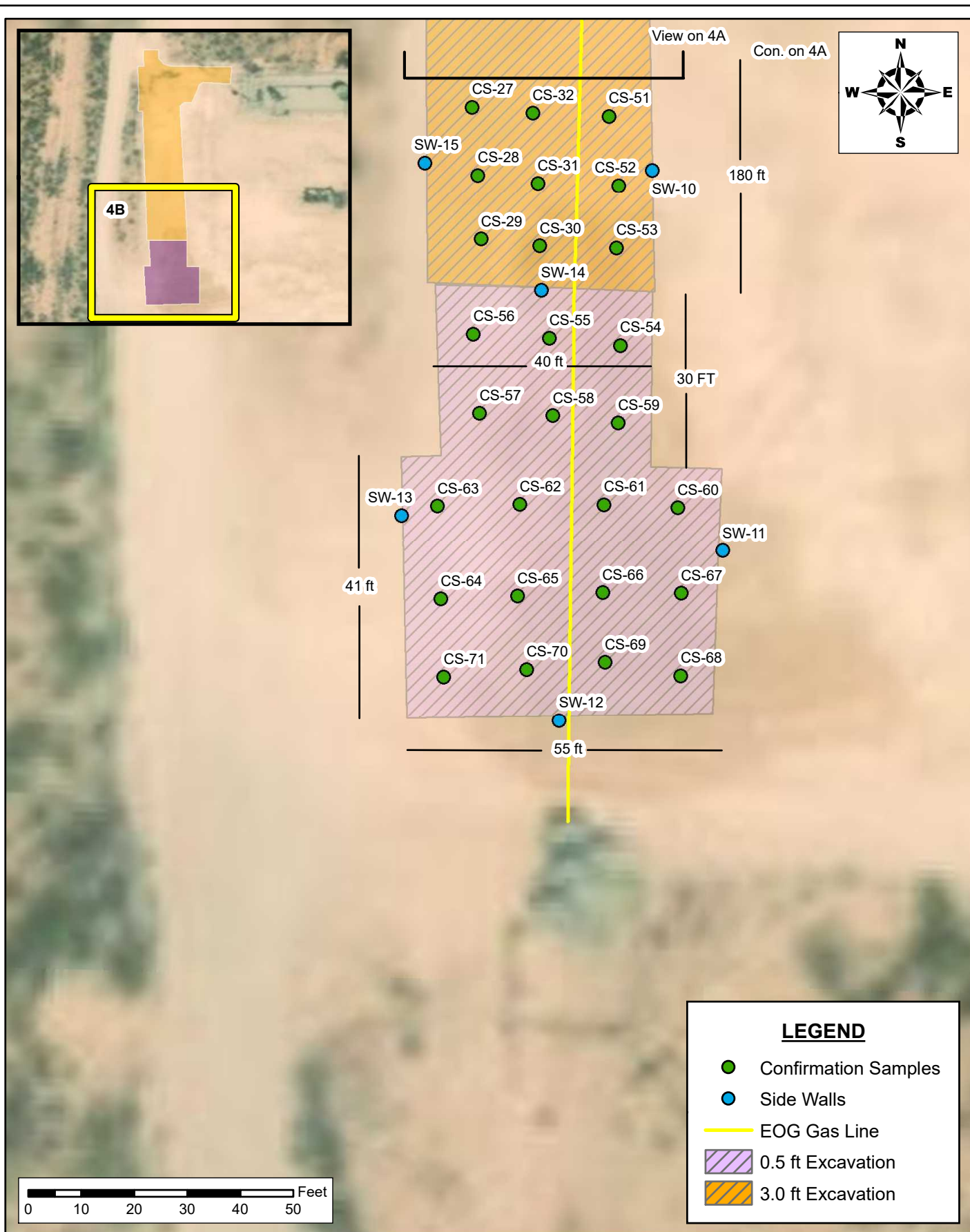
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FIGURE 4A

SHEET NUMBER:

1 of 2

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SAMPLE LOCATION MAP
 EOG RESOURCES
 PINOCHLE BNP FED COM 2H 2RP-4732
 EDDY COUNTY, NM
 32.121367, -104.083262

SCALE: As Shown

DATE: 03/18/2015

PROJECT #: 213915

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**NOTES:**

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N
3. Map split into 3 sections labeled 4A and 4B

DRAWING NUMBER:

FIGURE 4B

SHEET NUMBER:

2 of 2



Tables

Table 1
EOG Resources
Pinochle BNP State Com 2H
Eddy County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	147
CS-2	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	160
CS-3	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	128
CS-4	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	175
CS-5	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	0.00202	104
CS-6	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	87.1
CS-7	3/11/2021	3.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	171
CS-8	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	82.2
CS-9	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	0.00205	113
CS-10	3/11/2021	3.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00199	170
CS-11	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	89.9
CS-12	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	182
CS-13	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	98.1
CS-14	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	98.7
CS-15	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	183
CS-16	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	87.6
CS-17	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	101
CS-18	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	157
CS-19	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	99.0
CS-20	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	161
CS-21	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	92.4
CS-22	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	82.6

Table 1
EOG Resources
Pinochle BNP State Com 2H
Eddy County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-23	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	173
CS-24	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	92.8
CS-25	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	188
CS-26	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	131
CS-27	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	132
CS-28	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	201
CS-29	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	171
CS-30	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	179
CS-31	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	204
CS-32	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	122
CS-33	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	159
CS-34	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	206
CS-35	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	111
CS-36	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	222
CS-37	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	76.0
CS-38	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	0.00200	205
CS-39	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	193
CS-40	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	116
CS-41	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	168
CS-42	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	206
CS-43	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	113
CS-44	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	214

Table 1
EOG Resources
Pinochle BNP State Com 2H
Eddy County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-45	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	173
CS-46	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	190
CS-47	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	184
CS-48	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	118
CS-49	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	226
CS-50	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	197
CS-51	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	202
CS-52	3/11/2021	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	147
CS-53	3/11/2021	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	111
CS-54	3/11/2021	0.5	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	119
CS-55	3/11/2021	0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	210
CS-56	3/11/2021	0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	210
CS-57	3/11/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	203
CS-58	3/11/2021	0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	197
CS-59	3/11/2021	0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	181
CS-60	3/11/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	224
CS-61	3/11/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	107
CS-62	3/11/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	116
CS-63	3/11/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	119
CS-64	3/11/2021	0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	114
CS-65	3/11/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	99.9
CS-66	3/11/2021	0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	108

Table 1
EOG Resources
Pinochle BNP State Com 2H
Eddy County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-67	3/11/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	101
CS-68	3/11/2021	0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	114
CS-69	3/11/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	100
CS-70	3/11/2021	0.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	105
CS-71	3/11/2021	0.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	101

Table 1
EOG Resources
Pinochle BNP State Com 2H
Eddy County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	3/11/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	112
SW-2	3/11/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	113
SW-3	3/11/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	95.5
SW-4	3/11/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	94.5
SW-5	3/11/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	84.6
SW-6	3/11/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	83.7
SW-7	3/11/2021	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	108
SW-8	3/11/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	119
SW-9	3/11/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00198	0.00380	<0.00198	<0.00397	<0.00198	106
SW-10	3/11/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	109
SW-11	3/11/2021	-	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	89.9
SW-12	3/11/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	101
SW-13	3/11/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	80.9
SW-14	3/11/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	104
SW-15	3/11/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	0.00216	86.7
SW-16	3/11/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	88.4
SW-17	3/11/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00202	100
SW-18	3/11/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	89.8
SW-19	3/11/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	234
Regulatory Limits			100 mg/kg				10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet



Photo Log

PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: Pinochle BNP State Com 2H
2RP-4732

County: Eddy County, New Mexico

Description:

View North, Areas of Confirmation Samples (1)



Photograph No. 2

Facility: Pinochle BNP State Com 2H
2RP-4732

County: Eddy County, New Mexico

Description:

View North, Areas of Confirmation Samples (1-17)



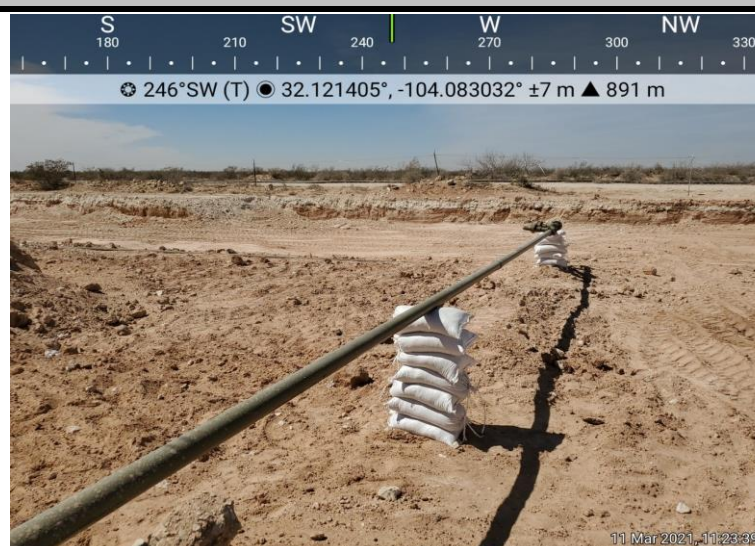
Photograph No. 3

Facility: Pinochle BNP State Com 2H
2RP-4732

County: Eddy County, New Mexico

Description:

View North, Areas of Confirmation Samples (2-9)



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 4

Facility: Pinochle BNP State Com 2H
2RP-4732

County: Eddy County, New Mexico

Description:

View Southeast, Areas of Confirmation Samples (1-53)



Photograph No. 5

Facility: Pinochle BNP State Com 2H
2RP-4732

County: Eddy County, New Mexico

Description:

View North, Areas of Confirmation Samples (18-53)



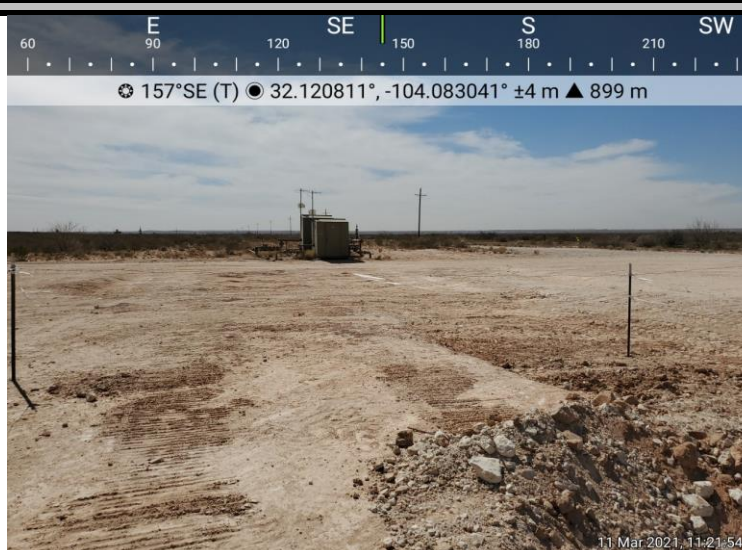
Photograph No. 6

Facility: Pinochle BNP State Com 2H
2RP-4732

County: Eddy County, New Mexico

Description:

View Southeast, Areas of Confirmation Samples (54-71)



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 7

Facility: Pinochle BNP State Com 2H 2RP-4732

County: Eddy County, New Mexico

Description:

View Southeast, Backfilled areas of Confirmation Samples (1-17)



Photograph No. 8

Facility: Pinochle BNP State Com 2H 2RP-4732

County: Eddy County, New Mexico

Description:

View Southeast, Backfilled areas of Confirmation Samples (18-53)



Photograph No. 9

Facility: Pinochle BNP State Com 2H 2RP-4732

County: Eddy County, New Mexico

Description:

View Southeast, Backfilled areas of Confirmation Samples (54-71)





Appendix A

NM OIL CONSERVATION
ARTESIA DISTRICT

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

AUG 29 2017

Form C-141
 Revised April 3, 2017

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

RECEIVED Submit Copy to appropriate District Office in
 accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

NAB1725029111

OPERATOR
☒ Initial Report ☐ Final Report

Name of Company	EOG Resources, Inc.	25575	Contact	Zane Kurtz
Address	5509 Champions Drive, Midland, TX 79706		Telephone No.	432-425-2023
Facility Name	Pinochle BNP State Com #2H		Facility Type	Oil Well and Battery
Surface Owner	EOG		Mineral Owner	EOG
			API No.	30-015-38316

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	22	25S	28E	660	FNL	330	FWL	Eddy

Latitude 32.209 Longitude -104.0826 NAD83

32.1209

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	135 bbls	Volume Recovered	130 bbls
Source of Release	4" poly transition ruptured inside tinhorn	Date and Hour of Occurrence	8/29/2017	Date and Hour of Discovery	0900
Was Immediate Notice Given?	☒ Yes ☐ No ☐ Not Required If YES, To Whom? Mike Bratcher and Crystal Weaver, NMOCD Amber Groves, NM State Lands, Shelly Tucker, BLM				
By Whom?	Zane Kurtz				
Was a Watercourse Reached?	☐ Yes ☒ No If YES, Volume Impacting the Watercourse.				

If a Watercourse was Impacted, Describe Fully.* N/A

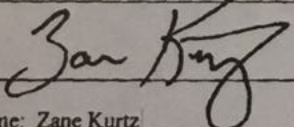
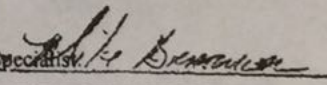
Describe Cause of Problem and Remedial Action Taken.*

Lease op discovered a 4" poly transition inside of a tinhorn leaking produced water. The entire release was contained on the pad. Approximately 135 bbls were released and 130 bbls were recovered. An emergency one call is being placed today so that we can remove the impacted (wet) area before it goes deeper into the ground. The impacted material will be disposed of at a NM approved landfill. An assessment will follow with soil samples collected and a work plan will be produced based on the soil analytical and submitted to the NMOCD and State Lands for approval. Soil samples will be run for BTEX, TPH, and Chlorides.

**Surface is apparently State Lands and the bottom hole is BLM.

Describe Area Affected and Cleanup Action Taken.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Zane Kurtz	Approved by Environmental Specialist 	
Title: Sr. Environmental Rep.	Approval Date: <u>9/14/17</u>	Expiration Date: <u>N/A</u>
E-mail Address: zane_kurtz@eogresources.com	Conditions of Approval: <u>See attached</u>	
Date: 8/29/2017 Phone: 432-425-2023	Attached ☐ <u>2RP-4372</u>	

* Attach Additional Sheets If Necessary

Incident ID	NAB1725029111
District RP	2RP-4732
Facility ID	
Application ID	pAB1725028996

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

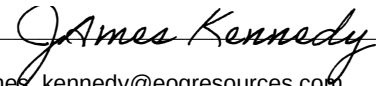
Incident ID	NAB1725029111
District RP	2RP-4732
Facility ID	
Application ID	pAB1725028996

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: James Kennedy

Title: Environmental Specialist

Signature:



Date: 4/8/2021

email: james_kennedy@eogresources.com

Telephone: 432.848.9146

OCD Only

Received by: _____

Date: _____

Incident ID	NAB1725029111
District RP	2RP-4732
Facility ID	
Application ID	pAB1725028996

Closure

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

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

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

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

Printed Name: James Kennedy

Title: Environmental Specialist

Signature:



Date: 4/8/2021

email: james_kennedy@eogresources.com

Telephone: 432.848.9146

OCD Only

Received by: OCD

Date: 11/19/2021

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

Closure Approved by:



Date: 9/19/2022

Printed Name: Ashley Maxwell

Title: Environmental Specialist



Appendix B

Medium Karst

Pinochle BNP State Com 2H
EOG Resources
2RP-4732

Legend

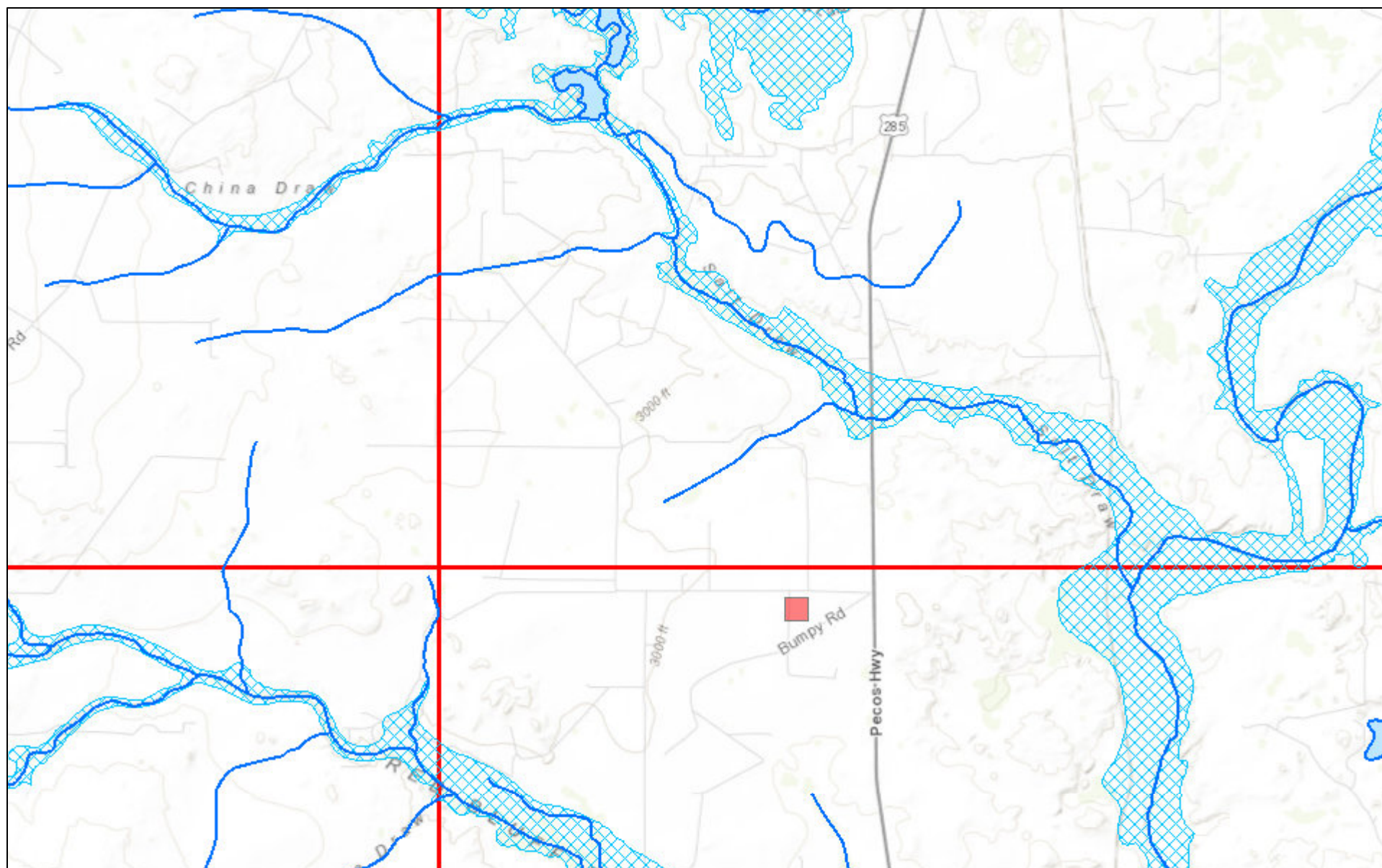
- CRIT
- HIGH
- MEDIUM
- Pinochle BNP State Com 2H

Pinochle BNP State Com 2H

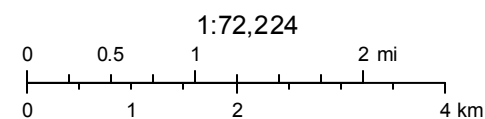
285



New Mexico NFHL Data



March 1, 2021



FEMA
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,



National Water Information System: Mapper



Site Information

Pinochle BNP State Com 2H

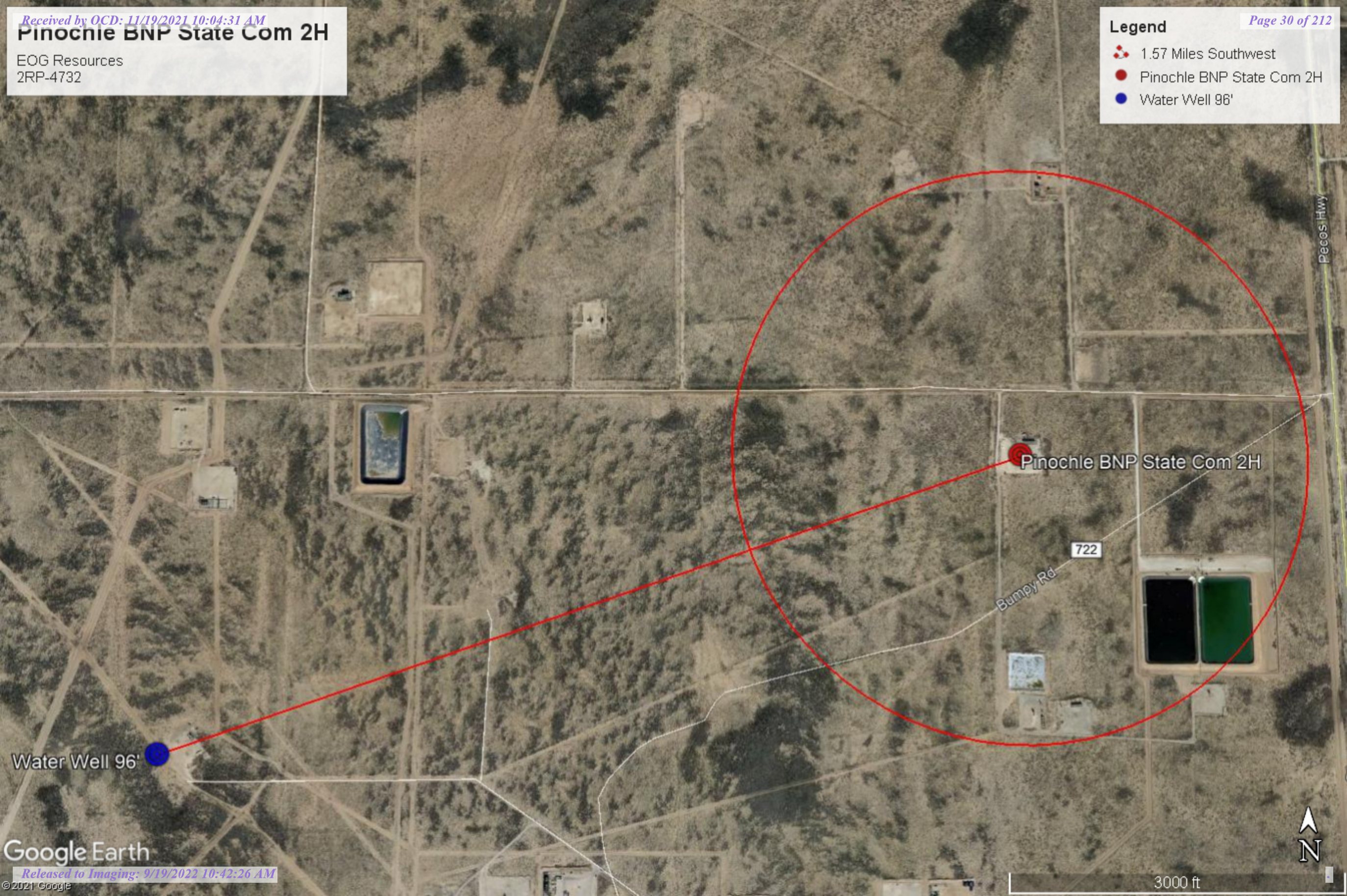
EOG Resources
2RP-4732

Legend

 1.57 Miles Southwest

 Pinochle BNP State Com 2H

 Water Well 96'



Water Well 96'

Pinochle BNP State Com 2H

Bumpy Rd
722



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 01278	C	ED		4	3	28	25S	28E		585470	3551338*	205	90	115
C 01411	R	C	ED	4	4	2	04	25S	28E	586289	3558522*	69	35	34
C 01411 POD2	C	ED		4	2	4	04	25S	28E	586374	3558036	90	50	40
C 01453	C	ED		1	2	26	25S	28E		589096	3552612*	70	40	30
C 01522	C	ED			1	22	25S	28E		586843	3554004*	150		
C 01573 POD1	C	ED		3	1	4	20	25S	28E	584144	3553361	176	96	80
C 02668	C	ED		2	1	2	09	25S	28E	585890	3557525*	150		
C 03263 POD1	CUB	ED		1	1	1	07	25S	28E	581628	3557501*	133		
C 03836 POD1	C	ED		2	2	4	29	25S	28E	584682	3551934	300	30	270
C 03861 POD1	C	ED		4	2	3	18	25S	28E	582266	3554864	91	63	28

Average Depth to Water: **57 feet**

Minimum Depth: **30 feet**

Maximum Depth: **96 feet**

Record Count: 10

PLSS Search:

Township: 25S

Range: 28E

*UTM location was derived from PLSS - see Help

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

3/1/21 10:52 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
C	01573 POD1	3	1	4	20	25S	28E	584144	3553361

Driller License: 46

Driller Company: ABBOTT BROTHERS COMPANY

Driller Name: MURRELL ABBOTT

Drill Start Date: 01/15/1975

Drill Finish Date: 01/20/1975

Plug Date:

Log File Date: 01/23/1975

PCW Rev Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 50 GPM

Casing Size: 7.00

Depth Well: 176 feet

Depth Water: 96 feet

Water Bearing Stratifications:

Top	Bottom	Description
96	176	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
156	176

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



Appendix C

Certificate of Analysis Summary 691598

NT Global, Midland, TX

Project Name: Pinochle BNP Federal Com 2H 2RP-4732

Project Id: 123915
 Contact: Mike Carmona
 Project Location: Eddy County, NM

Date Received in Lab: Fri 03.12.2021 12:00

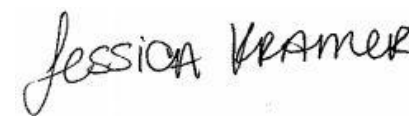
Report Date: 03.22.2021 14:46

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	691598-001	691598-002	691598-003	691598-004	691598-005	691598-006
	<i>Field Id:</i>	CS-1 (3')	CS-2 (3')	CS-3 (3')	CS-4 (3')	CS-5 (3')	CS-6 (3')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	03.18.2021 17:00	03.18.2021 17:00	03.18.2021 17:00	03.18.2021 17:00	03.18.2021 17:00	03.18.2021 17:00
	<i>Analyzed:</i>	03.19.2021 16:06	03.19.2021 16:32	03.19.2021 16:58	03.19.2021 17:23	03.19.2021 17:49	03.19.2021 18:15
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200
Toluene		<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200
Ethylbenzene		<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200
m,p-Xylenes		<0.00396 0.00396	<0.00396 0.00396	<0.00398 0.00398	<0.00403 0.00403	<0.00401 0.00401	<0.00399 0.00399
o-Xylene		<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00202 0.00202	0.00202 0.00200	<0.00200 0.00200
Total Xylenes		<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00202 0.00202	0.00202 0.00200	<0.00200 0.00200
Total BTEX		<0.00198 0.00198	<0.00198 0.00198	<0.00199 0.00199	<0.00202 0.00202	0.00202 0.00200	<0.00200 0.00200
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	03.16.2021 11:05	03.16.2021 11:05	03.16.2021 11:15	03.16.2021 11:15	03.16.2021 11:15	03.16.2021 11:15
	<i>Analyzed:</i>	03.16.2021 13:55	03.16.2021 14:00	03.16.2021 14:09	03.16.2021 14:26	03.16.2021 14:31	03.16.2021 14:37
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		147 5.03	160 49.6	128 4.97	175 50.4	104 4.97	87.1 4.95
TPH By SW8015 Mod	<i>Extracted:</i>	03.15.2021 11:00	03.15.2021 11:00	03.15.2021 11:00	03.15.2021 11:00	03.15.2021 11:00	03.15.2021 11:00
	<i>Analyzed:</i>	03.15.2021 12:44	03.15.2021 13:46	03.15.2021 14:07	03.15.2021 14:28	03.15.2021 14:49	03.15.2021 15:10
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9
Total TPH		<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9

BRL - Below Reporting Limit

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Certificate of Analysis Summary 691598

NT Global, Midland, TX

Project Name: Pinochle BNP Federal Com 2H 2RP-4732

Project Id: 123915
 Contact: Mike Carmona
 Project Location: Eddy County, NM

Date Received in Lab: Fri 03.12.2021 12:00

Report Date: 03.22.2021 14:46

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	691598-007	691598-008	691598-009	691598-010	691598-011	691598-012
	<i>Field Id:</i>	CS-7 (3')	CS-8 (3')	CS-9 (3')	CS-10 (3')	CS-11 (3')	CS-12 (3')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	03.18.2021 17:00	03.18.2021 17:00	03.18.2021 17:00	03.18.2021 17:00	03.18.2021 11:00	03.18.2021 11:00
	<i>Analyzed:</i>	03.19.2021 18:40	03.19.2021 19:06	03.19.2021 19:31	03.19.2021 19:56	03.19.2021 06:14	03.19.2021 06:35
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200
Toluene		<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200
Ethylbenzene		<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200
m,p-Xylenes		<0.00402 0.00402	<0.00398 0.00398	<0.00400 0.00400	<0.00398 0.00398	<0.00401 0.00401	<0.00399 0.00399
o-Xylene		<0.00201 0.00201	<0.00199 0.00199	0.00205 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200
Total Xylenes		<0.00201 0.00201	<0.00199 0.00199	0.00205 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200
Total BTEX		<0.00201 0.00201	<0.00199 0.00199	0.00205 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	03.16.2021 11:15	03.16.2021 11:15	03.16.2021 11:15	03.16.2021 11:15	03.16.2021 11:15	03.16.2021 11:15
	<i>Analyzed:</i>	03.16.2021 14:51	03.16.2021 18:13	03.16.2021 18:18	03.16.2021 18:24	03.16.2021 18:29	03.16.2021 18:35
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		171 50.4	82.2 4.97	113 4.95	170 50.5	89.9 5.00	182 49.8
TPH By SW8015 Mod	<i>Extracted:</i>	03.15.2021 11:00	03.15.2021 11:00	03.15.2021 11:00	03.15.2021 11:00	03.15.2021 11:00	03.15.2021 11:00
	<i>Analyzed:</i>	03.15.2021 15:31	03.15.2021 15:52	03.15.2021 16:13	03.15.2021 16:34	03.15.2021 17:16	03.15.2021 17:37
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.8 49.8	<50.0 50.0	<49.9 49.9
Diesel Range Organics (DRO)		<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.8 49.8	<50.0 50.0	<49.9 49.9
Motor Oil Range Hydrocarbons (MRO)		<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.8 49.8	<50.0 50.0	<49.9 49.9
Total TPH		<49.8 49.8	<50.0 50.0	<50.0 50.0	<49.8 49.8	<50.0 50.0	<49.9 49.9

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Certificate of Analysis Summary 691598

NT Global, Midland, TX

Project Name: Pinochle BNP Federal Com 2H 2RP-4732

Project Id: 123915
 Contact: Mike Carmona
 Project Location: Eddy County, NM

Date Received in Lab: Fri 03.12.2021 12:00

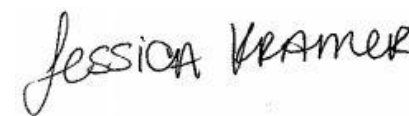
Report Date: 03.22.2021 14:46

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	691598-013	691598-014	691598-015	691598-016	691598-017	691598-018
	<i>Field Id:</i>	CS-13 (3')	CS-14 (3')	CS-15 (3')	CS-16 (3')	CS-17 (3')	CS-18 (3')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	03.18.2021 11:00	03.18.2021 11:00	03.18.2021 11:00	03.18.2021 11:00	03.18.2021 11:00	03.18.2021 11:00
	<i>Analyzed:</i>	03.19.2021 06:55	03.19.2021 07:16	03.19.2021 07:36	03.19.2021 07:57	03.19.2021 08:17	03.19.2021 08:38
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00202 0.00202	<0.00201 0.00201
Toluene		<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00202 0.00202	<0.00201 0.00201
Ethylbenzene		<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00202 0.00202	<0.00201 0.00201
m,p-Xylenes		<0.00399 0.00399	<0.00400 0.00400	<0.00396 0.00396	<0.00398 0.00398	<0.00404 0.00404	<0.00402 0.00402
o-Xylene		<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00202 0.00202	<0.00201 0.00201
Total Xylenes		<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00202 0.00202	<0.00201 0.00201
Total BTEX		<0.00200 0.00200	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00202 0.00202	<0.00201 0.00201
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	03.16.2021 11:15	03.16.2021 11:15	03.16.2021 11:15	03.16.2021 11:15	03.16.2021 11:15	03.16.2021 11:15
	<i>Analyzed:</i>	03.16.2021 18:40	03.16.2021 18:57	03.16.2021 19:02	03.16.2021 19:19	03.16.2021 19:25	03.16.2021 19:30
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		98.1 4.95	98.7 5.02	183 50.0	87.6 4.95	101 4.95	157 50.4
TPH By SW8015 Mod	<i>Extracted:</i>	03.15.2021 11:00	03.15.2021 11:00	03.15.2021 11:00	03.15.2021 11:00	03.15.2021 11:00	03.15.2021 11:00
	<i>Analyzed:</i>	03.15.2021 17:58	03.15.2021 18:19	03.15.2021 18:40	03.15.2021 19:01	03.15.2021 19:22	03.15.2021 19:43
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0
Total TPH		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0

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Certificate of Analysis Summary 691598

NT Global, Midland, TX

Project Name: Pinochle BNP Federal Com 2H 2RP-4732

Project Id: 123915
 Contact: Mike Carmona
 Project Location: Eddy County, NM

Date Received in Lab: Fri 03.12.2021 12:00

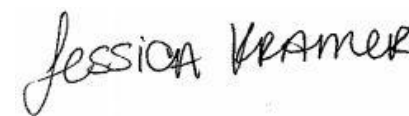
Report Date: 03.22.2021 14:46

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	691598-019	691598-020	691598-021	691598-022	691598-023	691598-024
	<i>Field Id:</i>	CS-19 (3')	CS-20 (3')	CS-21 (3')	CS-22 (3')	CS-23 (3')	CS-24 (3')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	03.18.2021 11:00	03.18.2021 11:00	03.18.2021 11:00	03.18.2021 11:00	03.18.2021 11:00	03.18.2021 11:00
	<i>Analyzed:</i>	03.19.2021 08:59	03.19.2021 09:19	03.19.2021 10:22	03.19.2021 10:42	03.19.2021 11:03	03.19.2021 11:23
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199	<0.00202 0.00202	<0.00202 0.00202
Toluene		<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199	<0.00202 0.00202	<0.00202 0.00202
Ethylbenzene		<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199	<0.00202 0.00202	<0.00202 0.00202
m,p-Xylenes		<0.00398 0.00398	<0.00404 0.00404	<0.00400 0.00400	<0.00398 0.00398	<0.00404 0.00404	<0.00403 0.00403
o-Xylene		<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199	<0.00202 0.00202	<0.00202 0.00202
Total Xylenes		<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199	<0.00202 0.00202	<0.00202 0.00202
Total BTEX		<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199	<0.00202 0.00202	<0.00202 0.00202
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	03.16.2021 11:15	03.16.2021 11:15	03.16.2021 11:15	03.16.2021 11:15	03.16.2021 12:00	03.16.2021 12:00
	<i>Analyzed:</i>	03.16.2021 19:36	03.16.2021 19:41	03.16.2021 19:47	03.16.2021 19:52	03.16.2021 17:58	03.16.2021 18:11
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		99.0 4.97	161 49.9	92.4 5.02	82.6 5.00	173 5.00	92.8 4.96
TPH By SW8015 Mod	<i>Extracted:</i>	03.15.2021 11:00	03.15.2021 11:00	03.15.2021 12:00	03.15.2021 12:00	03.15.2021 12:00	03.15.2021 12:00
	<i>Analyzed:</i>	03.15.2021 20:04	03.15.2021 20:25	03.15.2021 12:44	03.15.2021 13:46	03.15.2021 14:07	03.15.2021 14:28
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0
Total TPH		<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0

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Certificate of Analysis Summary 691598

NT Global, Midland, TX

Project Name: Pinochle BNP Federal Com 2H 2RP-4732

Project Id: 123915
 Contact: Mike Carmona
 Project Location: Eddy County, NM

Date Received in Lab: Fri 03.12.2021 12:00

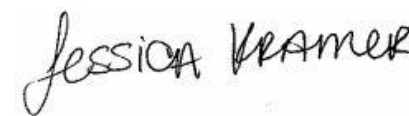
Report Date: 03.22.2021 14:46

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	691598-025	691598-026	691598-027	691598-028	691598-029	691598-030
	<i>Field Id:</i>	CS-25 (3')	CS-26 (3')	CS-27 (3')	CS-28 (3')	CS-29 (3')	CS-30 (3')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	03.18.2021 11:00	03.18.2021 11:00	03.18.2021 11:00	03.18.2021 11:00	03.18.2021 11:00	03.18.2021 11:00
	<i>Analyzed:</i>	03.19.2021 11:44	03.19.2021 12:04	03.19.2021 12:25	03.19.2021 12:45	03.19.2021 13:06	03.19.2021 13:27
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198
Toluene		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198
Ethylbenzene		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198
m,p-Xylenes		<0.00403 0.00403	<0.00401 0.00401	<0.00400 0.00400	<0.00398 0.00398	<0.00401 0.00401	<0.00396 0.00396
o-Xylene		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198
Total Xylenes		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198
Total BTEX		<0.00202 0.00202	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00
	<i>Analyzed:</i>	03.16.2021 18:16	03.16.2021 18:21	03.16.2021 18:26	03.16.2021 18:41	03.16.2021 18:46	03.17.2021 09:00
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		188 4.99	131 5.02	132 4.96	201 4.95	171 5.04	179 4.95
TPH By SW8015 Mod	<i>Extracted:</i>	03.15.2021 12:00	03.15.2021 12:00	03.15.2021 12:00	03.15.2021 12:00	03.15.2021 12:00	03.15.2021 12:00
	<i>Analyzed:</i>	03.15.2021 14:49	03.15.2021 15:10	03.15.2021 15:31	03.15.2021 15:52	03.15.2021 16:13	03.15.2021 16:34
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.9 49.9
Diesel Range Organics (DRO)		<49.9 49.9	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.9 49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.9 49.9
Total TPH		<49.9 49.9	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.9 49.9

BRL - Below Reporting Limit

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Certificate of Analysis Summary 691598

NT Global, Midland, TX

Project Name: Pinochle BNP Federal Com 2H 2RP-4732

Project Id: 123915
 Contact: Mike Carmona
 Project Location: Eddy County, NM

Date Received in Lab: Fri 03.12.2021 12:00

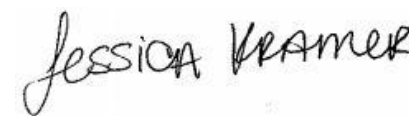
Report Date: 03.22.2021 14:46

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	691598-031	691598-032	691598-033	691598-034	691598-035	691598-036
	<i>Field Id:</i>	CS-31 (3')	CS-32 (3')	CS-33 (3')	CS-34 (3')	CS-35 (3')	CS-36 (3')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	03.19.2021 16:00	03.19.2021 16:00	03.19.2021 16:00	03.19.2021 16:00	03.19.2021 16:00	03.19.2021 16:00
	<i>Analyzed:</i>	03.19.2021 23:50	03.20.2021 00:15	03.20.2021 00:41	03.20.2021 01:06	03.20.2021 01:32	03.20.2021 01:58
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00198 0.00198	<0.00200 0.00200	<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199
Toluene		<0.00198 0.00198	<0.00200 0.00200	<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199
Ethylbenzene		<0.00198 0.00198	<0.00200 0.00200	<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199
m,p-Xylenes		<0.00397 0.00397	<0.00400 0.00400	<0.00398 0.00398	<0.00404 0.00404	<0.00401 0.00401	<0.00398 0.00398
o-Xylene		<0.00198 0.00198	<0.00200 0.00200	<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199
Total Xylenes		<0.00198 0.00198	<0.00200 0.00200	<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199
Total BTEX		<0.00198 0.00198	<0.00200 0.00200	<0.00199 0.00199	<0.00202 0.00202	<0.00200 0.00200	<0.00199 0.00199
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00
	<i>Analyzed:</i>	03.16.2021 18:52	03.17.2021 09:05	03.16.2021 18:58	03.16.2021 19:13	03.16.2021 19:18	03.16.2021 19:33
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		204 4.96	122 4.99	159 X 5.00	206 5.05	111 4.98	222 4.95
TPH By SW8015 Mod	<i>Extracted:</i>	03.15.2021 12:00	03.15.2021 12:00	03.15.2021 12:00	03.15.2021 12:00	03.15.2021 12:00	03.15.2021 12:00
	<i>Analyzed:</i>	03.15.2021 17:16	03.15.2021 17:37	03.15.2021 17:58	03.15.2021 18:19	03.15.2021 18:40	03.15.2021 19:01
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9	<49.9 49.9	<49.9 49.9
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9	<49.9 49.9	<49.9 49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9	<49.9 49.9	<49.9 49.9
Total TPH		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.9 49.9	<49.9 49.9	<49.9 49.9

BRL - Below Reporting Limit

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Certificate of Analysis Summary 691598

NT Global, Midland, TX

Project Name: Pinochle BNP Federal Com 2H 2RP-4732

Project Id: 123915
 Contact: Mike Carmona
 Project Location: Eddy County, NM

Date Received in Lab: Fri 03.12.2021 12:00

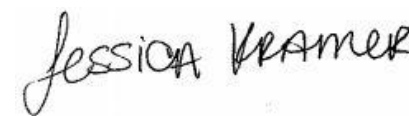
Report Date: 03.22.2021 14:46

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	691598-037	691598-038	691598-039	691598-040	691598-041	691598-042
	<i>Field Id:</i>	CS-37 (3')	CS-38 (3')	CS-39 (3')	CS-40 (3')	CS-41 (3')	CS-42 (3')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	03.19.2021 16:00	03.19.2021 16:00	03.19.2021 16:00	03.19.2021 16:00	03.19.2021 16:00	03.19.2021 16:00
	<i>Analyzed:</i>	03.20.2021 02:24	03.20.2021 05:25	03.20.2021 05:51	03.20.2021 06:18	03.20.2021 06:44	03.20.2021 07:10
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00202 0.00202	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198
Toluene		<0.00202 0.00202	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198
Ethylbenzene		<0.00202 0.00202	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198
m,p-Xylenes		<0.00403 0.00403	<0.00399 0.00399	<0.00396 0.00396	<0.00398 0.00398	<0.00398 0.00398	<0.00397 0.00397
o-Xylene		<0.00202 0.00202	0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198
Total Xylenes		<0.00202 0.00202	0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198
Total BTEX		<0.00202 0.00202	0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00
	<i>Analyzed:</i>	03.16.2021 19:38	03.17.2021 09:10	03.16.2021 19:44	03.16.2021 19:49	03.16.2021 19:54	03.16.2021 19:59
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		76.0 4.96	205 5.04	193 5.05	116 5.05	168 5.05	206 4.98
TPH By SW8015 Mod	<i>Extracted:</i>	03.15.2021 12:00	03.15.2021 12:00	03.15.2021 12:00	03.15.2021 12:00	03.16.2021 12:00	03.16.2021 12:00
	<i>Analyzed:</i>	03.15.2021 19:22	03.15.2021 19:43	03.15.2021 20:04	03.15.2021 20:25	** ** *	03.16.2021 12:53
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9
Diesel Range Organics (DRO)		<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9
Total TPH		<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0	<49.9 49.9

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Certificate of Analysis Summary 691598

NT Global, Midland, TX

Project Name: Pinochle BNP Federal Com 2H 2RP-4732

Project Id: 123915
 Contact: Mike Carmona
 Project Location: Eddy County, NM

Date Received in Lab: Fri 03.12.2021 12:00

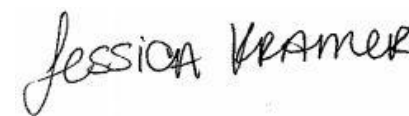
Report Date: 03.22.2021 14:46

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	691598-043	691598-044	691598-045	691598-046	691598-047	691598-048
	<i>Field Id:</i>	CS-43 (3')	CS-44 (3')	CS-45 (3')	CS-46 (3')	CS-47 (3')	CS-48 (3')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	03.19.2021 16:00	03.19.2021 16:00	03.19.2021 16:00	03.19.2021 16:00	03.19.2021 16:00	03.19.2021 16:37
	<i>Analyzed:</i>	03.20.2021 07:36	03.20.2021 08:02	03.20.2021 08:27	03.20.2021 08:53	03.20.2021 09:51	03.20.2021 05:01
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200
Toluene		<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200
Ethylbenzene		<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200
m,p-Xylenes		<0.00398 0.00398	<0.00401 0.00401	<0.00403 0.00403	<0.00399 0.00399	<0.00402 0.00402	<0.00399 0.00399
o-Xylene		<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200
Total Xylenes		<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200
Total BTEX		<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	03.16.2021 16:00	03.16.2021 16:00	03.16.2021 16:00	03.16.2021 16:00	03.16.2021 16:00	03.16.2021 16:00
	<i>Analyzed:</i>	03.16.2021 20:29	03.16.2021 20:44	03.16.2021 20:49	03.16.2021 20:54	03.16.2021 20:59	03.16.2021 21:14
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		113 5.04	214 4.99	173 4.95	190 4.97	184 4.97	118 4.97
TPH By SW8015 Mod	<i>Extracted:</i>	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00
	<i>Analyzed:</i>	03.16.2021 13:14	03.16.2021 13:35	03.16.2021 13:56	03.16.2021 14:17	03.16.2021 14:38	03.16.2021 15:00
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0
Total TPH		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0

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Certificate of Analysis Summary 691598



NT Global, Midland, TX

Project Name: Pinochle BNP Federal Com 2H 2RP-4732

Project Id: 123915
 Contact: Mike Carmona
 Project Location: Eddy County, NM

Date Received in Lab: Fri 03.12.2021 12:00
 Report Date: 03.22.2021 14:46
 Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	691598-049	691598-050	691598-051	691598-052	691598-053	691598-054
	<i>Field Id:</i>	CS-49 (3')	CS-50(3')	CS-51 (3')	CS-52 (3')	CS-53 (3')	CS-54 (6")
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	03.19.2021 16:37	03.19.2021 16:37	03.19.2021 16:37	03.19.2021 16:37	03.19.2021 16:37	03.19.2021 16:37
	<i>Analyzed:</i>	03.20.2021 05:22	03.20.2021 05:42	03.20.2021 06:03	03.20.2021 06:23	03.20.2021 06:44	03.20.2021 07:04
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202
Toluene		<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202
Ethylbenzene		<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202
m,p-Xylenes		<0.00402 0.00402	<0.00398 0.00398	<0.00396 0.00396	<0.00398 0.00398	<0.00401 0.00401	<0.00403 0.00403
o-Xylene		<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202
Total Xylenes		<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202
Total BTEX		<0.00201 0.00201	<0.00199 0.00199	<0.00198 0.00198	<0.00199 0.00199	<0.00200 0.00200	<0.00202 0.00202
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	03.16.2021 16:00	03.16.2021 16:00	03.16.2021 16:00	03.16.2021 16:00	03.16.2021 16:00	03.16.2021 16:00
	<i>Analyzed:</i>	03.16.2021 21:19	03.16.2021 21:24	03.16.2021 21:29	03.16.2021 21:34	03.16.2021 21:39	03.16.2021 21:54
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		226 5.05	197 4.98	202 5.00	147 5.05	111 5.05	119 4.97
TPH By SW8015 Mod	<i>Extracted:</i>	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00
	<i>Analyzed:</i>	03.16.2021 15:21	03.16.2021 15:43	03.16.2021 16:25	03.16.2021 16:46	03.16.2021 17:07	03.16.2021 17:28
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8
Diesel Range Organics (DRO)		<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8
Total TPH		<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8

BRL - Below Reporting Limit

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Certificate of Analysis Summary 691598

NT Global, Midland, TX

Project Name: Pinochle BNP Federal Com 2H 2RP-4732

Project Id: 123915
 Contact: Mike Carmona
 Project Location: Eddy County, NM

Date Received in Lab: Fri 03.12.2021 12:00

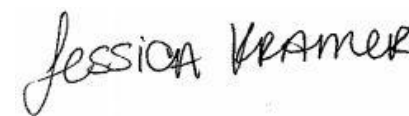
Report Date: 03.22.2021 14:46

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	691598-055	691598-056	691598-057	691598-058	691598-059	691598-060
	<i>Field Id:</i>	CS-55 (6")	CS-56 (6")	CS-57 (6")	CS-58 (6")	CS-59 (6")	CS-60 (6")
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	03.19.2021 16:37	03.19.2021 16:37	03.19.2021 16:37	03.19.2021 16:37	03.19.2021 16:37	03.19.2021 16:37
	<i>Analyzed:</i>	03.20.2021 07:25	03.20.2021 07:46	03.20.2021 08:07	03.20.2021 09:31	03.20.2021 09:52	03.20.2021 10:51
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198
Toluene		<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198
Ethylbenzene		<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198
m,p-Xylenes		<0.00398 0.00398	<0.00399 0.00399	<0.00396 0.00396	<0.00398 0.00398	<0.00398 0.00398	<0.00397 0.00397
o-Xylene		<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198
Total Xylenes		<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198
Total BTEX		<0.00199 0.00199	<0.00200 0.00200	<0.00198 0.00198	<0.00199 0.00199	<0.00199 0.00199	<0.00198 0.00198
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	03.16.2021 16:00	03.16.2021 16:00	03.16.2021 16:00	03.16.2021 16:00	03.16.2021 16:00	03.16.2021 16:00
	<i>Analyzed:</i>	03.16.2021 21:59	03.16.2021 22:14	03.16.2021 22:19	03.16.2021 22:24	03.16.2021 22:29	03.16.2021 22:34
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		210 5.00	210 4.99	203 5.02	197 4.98	181 5.00	224 5.00
TPH By SW8015 Mod	<i>Extracted:</i>	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00	03.16.2021 12:00
	<i>Analyzed:</i>	03.16.2021 17:49	03.16.2021 18:11	03.16.2021 18:32	03.16.2021 18:53	03.16.2021 19:14	03.16.2021 19:36
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9
Total TPH		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Certificate of Analysis Summary 691598

NT Global, Midland, TX

Project Name: Pinochle BNP Federal Com 2H 2RP-4732

Project Id: 123915
 Contact: Mike Carmona
 Project Location: Eddy County, NM

Date Received in Lab: Fri 03.12.2021 12:00

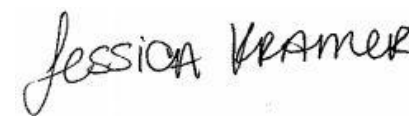
Report Date: 03.22.2021 14:46

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	691598-061	691598-062	691598-063	691598-064	691598-065	691598-066
	<i>Field Id:</i>	CS-61 (6")	CS-62 (6")	CS-63 (6")	CS-64 (6")	CS-65 (6")	CS-66 (6")
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	03.19.2021 16:37	03.19.2021 16:37	03.19.2021 16:37	03.19.2021 16:37	03.19.2021 16:37	03.19.2021 16:37
	<i>Analyzed:</i>	03.20.2021 11:12	03.20.2021 11:33	03.20.2021 11:53	03.20.2021 12:14	03.20.2021 12:35	03.20.2021 12:55
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200	<0.00198 0.00198
Toluene		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200	<0.00198 0.00198
Ethylbenzene		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200	<0.00198 0.00198
m,p-Xylenes		<0.00398 0.00398	<0.00401 0.00401	<0.00400 0.00400	<0.00402 0.00402	<0.00399 0.00399	<0.00396 0.00396
o-Xylene		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200	<0.00198 0.00198
Total Xylenes		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200	<0.00198 0.00198
Total BTEX		<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00200 0.00200	<0.00198 0.00198
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	03.16.2021 16:00	03.16.2021 16:00	03.17.2021 09:30	03.17.2021 09:30	03.17.2021 09:30	03.17.2021 09:30
	<i>Analyzed:</i>	03.16.2021 22:39	03.16.2021 22:44	03.17.2021 10:56	03.17.2021 11:02	03.17.2021 11:07	03.17.2021 11:13
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		107 5.00	116 5.04	119 4.98	114 5.00	99.9 4.95	108 4.95
TPH By SW8015 Mod	<i>Extracted:</i>	03.18.2021 14:00	03.18.2021 14:00	03.18.2021 14:00	03.18.2021 14:00	03.18.2021 14:00	03.18.2021 14:00
	<i>Analyzed:</i>	03.18.2021 17:15	03.18.2021 18:18	03.18.2021 18:39	03.18.2021 19:00	03.18.2021 19:24	03.18.2021 19:44
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9	<49.9 49.9	<49.8 49.8	<50.0 50.0	<49.9 49.9	<50.0 50.0
Diesel Range Organics (DRO)		<49.9 49.9	<49.9 49.9	<49.8 49.8	<50.0 50.0	<49.9 49.9	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9	<49.9 49.9	<49.8 49.8	<50.0 50.0	<49.9 49.9	<50.0 50.0
Total TPH		<49.9 49.9	<49.9 49.9	<49.8 49.8	<50.0 50.0	<49.9 49.9	<50.0 50.0

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Certificate of Analysis Summary 691598

NT Global, Midland, TX

Project Name: Pinochle BNP Federal Com 2H 2RP-4732

Project Id: 123915
 Contact: Mike Carmona
 Project Location: Eddy County, NM

Date Received in Lab: Fri 03.12.2021 12:00

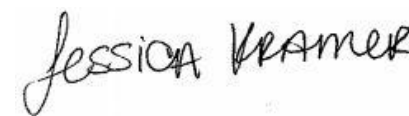
Report Date: 03.22.2021 14:46

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	691598-067	691598-068	691598-069	691598-070	691598-071	
	<i>Field Id:</i>	CS-67 (6")	CS-68 (6")	CS-69 (6")	CS-70 (6")	CS-71 (6")	
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	
	<i>Sampled:</i>	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	03.11.2021 00:00	
BTEX by EPA 8021B	<i>Extracted:</i>	03.19.2021 16:37	03.19.2021 16:15	03.19.2021 16:15	03.19.2021 16:15	03.19.2021 16:15	
	<i>Analyzed:</i>	03.20.2021 13:16	03.20.2021 14:04	03.20.2021 14:29	03.20.2021 14:54	03.20.2021 15:20	
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Benzene		<0.00202 0.00202	<0.00202 0.00202	<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199	
Toluene		<0.00202 0.00202	<0.00202 0.00202	<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199	
Ethylbenzene		<0.00202 0.00202	<0.00202 0.00202	<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199	
m,p-Xylenes		<0.00403 0.00403	<0.00404 0.00404	<0.00402 0.00402	<0.00398 0.00398	<0.00398 0.00398	
o-Xylene		<0.00202 0.00202	<0.00202 0.00202	<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199	
Total Xylenes		<0.00202 0.00202	<0.00202 0.00202	<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199	
Total BTEX		<0.00202 0.00202	<0.00202 0.00202	<0.00201 0.00201	<0.00199 0.00199	<0.00199 0.00199	
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	03.17.2021 09:30	03.17.2021 09:30	03.17.2021 09:30	03.17.2021 09:30	03.17.2021 09:30	
	<i>Analyzed:</i>	03.17.2021 11:18	03.17.2021 11:24	03.17.2021 11:40	03.17.2021 11:46	03.17.2021 12:03	
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Chloride		101 4.97	114 5.05	100 5.04	105 4.96	101 5.00	
TPH By SW8015 Mod	<i>Extracted:</i>	03.18.2021 14:00	03.18.2021 14:00	03.18.2021 14:00	03.18.2021 14:00	03.18.2021 14:00	
	<i>Analyzed:</i>	03.18.2021 20:05	03.18.2021 20:26	03.18.2021 20:47	03.18.2021 21:08	03.18.2021 21:49	
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8	<49.8 49.8	
Diesel Range Organics (DRO)		<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8	<49.8 49.8	
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8	<49.8 49.8	
Total TPH		<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8	<49.8 49.8	

BRL - Below Reporting Limit

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Analytical Report 691598

for

NT Global

Project Manager: Mike Carmona

Pinochle BNP Federal Com 2H 2RP-4732

123915

03.22.2021

Collected By: Client



**1211 W. Florida Ave
Midland TX 79701**

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-24)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-20-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)



03.22.2021

Project Manager: **Mike Carmona**

NT Global

701 Tradewinds Blvd

Midland, TX 79706

Reference: Eurofins Xenco, LLC Report No(s): **691598**

Pinochle BNP Federal Com 2H 2RP-4732

Project Address: Eddy County, NM

Mike Carmona:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 691598. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 691598 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

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

Jessica Kramer

Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Sample Cross Reference 691598

NT Global, Midland, TX

Pinochle BNP Federal Com 2H 2RP-4732

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
CS-1 (3')	S	03.11.2021 00:00		691598-001
CS-2 (3')	S	03.11.2021 00:00		691598-002
CS-3 (3')	S	03.11.2021 00:00		691598-003
CS-4 (3')	S	03.11.2021 00:00		691598-004
CS-5 (3')	S	03.11.2021 00:00		691598-005
CS-6 (3')	S	03.11.2021 00:00		691598-006
CS-7 (3')	S	03.11.2021 00:00		691598-007
CS-8 (3')	S	03.11.2021 00:00		691598-008
CS-9 (3')	S	03.11.2021 00:00		691598-009
CS-10 (3')	S	03.11.2021 00:00		691598-010
CS-11 (3')	S	03.11.2021 00:00		691598-011
CS-12 (3')	S	03.11.2021 00:00		691598-012
CS-13 (3')	S	03.11.2021 00:00		691598-013
CS-14 (3')	S	03.11.2021 00:00		691598-014
CS-15 (3')	S	03.11.2021 00:00		691598-015
CS-16 (3')	S	03.11.2021 00:00		691598-016
CS-17 (3')	S	03.11.2021 00:00		691598-017
CS-18 (3')	S	03.11.2021 00:00		691598-018
CS-19 (3')	S	03.11.2021 00:00		691598-019
CS-20 (3')	S	03.11.2021 00:00		691598-020
CS-21 (3')	S	03.11.2021 00:00		691598-021
CS-22 (3')	S	03.11.2021 00:00		691598-022
CS-23 (3')	S	03.11.2021 00:00		691598-023
CS-24 (3')	S	03.11.2021 00:00		691598-024
CS-25 (3')	S	03.11.2021 00:00		691598-025
CS-26 (3')	S	03.11.2021 00:00		691598-026
CS-27 (3')	S	03.11.2021 00:00		691598-027
CS-28 (3')	S	03.11.2021 00:00		691598-028
CS-29 (3')	S	03.11.2021 00:00		691598-029
CS-30 (3')	S	03.11.2021 00:00		691598-030
CS-31 (3')	S	03.11.2021 00:00		691598-031
CS-32 (3')	S	03.11.2021 00:00		691598-032
CS-33 (3')	S	03.11.2021 00:00		691598-033
CS-34 (3')	S	03.11.2021 00:00		691598-034
CS-35 (3')	S	03.11.2021 00:00		691598-035
CS-36 (3')	S	03.11.2021 00:00		691598-036
CS-37 (3')	S	03.11.2021 00:00		691598-037
CS-38 (3')	S	03.11.2021 00:00		691598-038
CS-39 (3')	S	03.11.2021 00:00		691598-039
CS-40 (3')	S	03.11.2021 00:00		691598-040
CS-41 (3')	S	03.11.2021 00:00		691598-041
CS-42 (3')	S	03.11.2021 00:00		691598-042
CS-43 (3')	S	03.11.2021 00:00		691598-043

**Sample Cross Reference 691598****NT Global, Midland, TX**

Pinochle BNP Federal Com 2H 2RP-4732

CS-44 (3')	S	03.11.2021 00:00	691598-044
CS-45 (3')	S	03.11.2021 00:00	691598-045
CS-46 (3')	S	03.11.2021 00:00	691598-046
CS-47 (3')	S	03.11.2021 00:00	691598-047
CS-48 (3')	S	03.11.2021 00:00	691598-048
CS-49 (3')	S	03.11.2021 00:00	691598-049
CS-50(3')	S	03.11.2021 00:00	691598-050
CS-51 (3')	S	03.11.2021 00:00	691598-051
CS-52 (3')	S	03.11.2021 00:00	691598-052
CS-53 (3')	S	03.11.2021 00:00	691598-053
CS-54 (6")	S	03.11.2021 00:00	691598-054
CS-55 (6")	S	03.11.2021 00:00	691598-055
CS-56 (6")	S	03.11.2021 00:00	691598-056
CS-57 (6")	S	03.11.2021 00:00	691598-057
CS-58 (6")	S	03.11.2021 00:00	691598-058
CS-59 (6")	S	03.11.2021 00:00	691598-059
CS-60 (6")	S	03.11.2021 00:00	691598-060
CS-61 (6")	S	03.11.2021 00:00	691598-061
CS-62 (6")	S	03.11.2021 00:00	691598-062
CS-63 (6")	S	03.11.2021 00:00	691598-063
CS-64 (6")	S	03.11.2021 00:00	691598-064
CS-65 (6")	S	03.11.2021 00:00	691598-065
CS-66 (6")	S	03.11.2021 00:00	691598-066
CS-67 (6")	S	03.11.2021 00:00	691598-067
CS-68 (6")	S	03.11.2021 00:00	691598-068
CS-69 (6")	S	03.11.2021 00:00	691598-069
CS-70 (6")	S	03.11.2021 00:00	691598-070
CS-71 (6")	S	03.11.2021 00:00	691598-071

**CASE NARRATIVE****Client Name: NT Global****Project Name: Pinochle BNP Federal Com 2H 2RP-4732**Project ID: 123915
Work Order Number(s): 691598Report Date: 03.22.2021
Date Received: 03.12.2021**Sample receipt non conformances and comments:**

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3153792 TPH By SW8015 Mod

Surrogate o-Terphenyl recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 691598-013.

Batch: LBA-3153890 Inorganic Anions by EPA 300/300.1

Lab Sample ID 691598-033 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 691598-023, -024, -025, -026, -027, -028, -029, -030, -031, -032, -033, -034, -035, -036, -037, -038, -039, -040, -041, -042.

The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3154183 BTEX by EPA 8021B

Lab Sample ID 691598-011 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Benzene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 691598-011, -012, -013, -014, -015, -016, -017, -018, -019, -020, -021, -022, -023, -024, -025, -026, -027, -028, -029, -030.

The Laboratory Control Sample for Benzene is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3154310 BTEX by EPA 8021B

Lab Sample ID 691598-068 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 691598-068, -069, -070, -071.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene Relative Percent Difference (RPD) between matrix spike and duplicate were above quality control limits.

Samples in the analytical batch are: 691598-068, -069, -070, -071

**CASE NARRATIVE****Client Name: NT Global****Project Name: Pinochle BNP Federal Com 2H 2RP-4732**

Project ID: 123915
Work Order Number(s): 691598

Report Date: 03.22.2021
Date Received: 03.12.2021

Batch: LBA-3154332 BTEX by EPA 8021B

Lab Sample ID 691598-048 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). m,p-Xylenes recovered below QC limits in the Matrix Spike. Benzene, Ethylbenzene, Toluene, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 691598-048, -049, -050, -051, -052, -053, -054, -055, -056, -057, -058, -059, -060, -061, -062, -063, -064, -065, -066, -067.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.



Certificate of Analytical Results 691598

NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-1 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-001 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:05 % Moisture:
 Seq Number: 3153887 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	147	5.03	mg/kg	03.16.2021 13:55		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 12:44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 12:44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 12:44	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 12:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-130	03.15.2021 12:44	
o-Terphenyl	84-15-1	125	%	70-130	03.15.2021 12:44	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-1 (3')**
 Lab Sample Id: 691598-001

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154249

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	03.19.2021 16:06	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	03.19.2021 16:06	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	03.19.2021 16:06	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	03.19.2021 16:06	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	03.19.2021 16:06	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	03.19.2021 16:06	U	1
Total BTEX		<0.00198	0.00198	mg/kg	03.19.2021 16:06	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	109	%	70-130	03.19.2021 16:06		
1,4-Difluorobenzene	540-36-3	104	%	70-130	03.19.2021 16:06		



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NT Global, Midland, TX
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Sample Id: **CS-2 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-002 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:05 % Moisture:
 Seq Number: 3153887 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	160	49.6	mg/kg	03.16.2021 14:00		10

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 13:46	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 13:46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 13:46	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 13:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	114	%	70-130	03.15.2021 13:46	
o-Terphenyl	84-15-1	127	%	70-130	03.15.2021 13:46	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-2 (3')**
 Lab Sample Id: 691598-002

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154249

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	03.19.2021 16:32	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	03.19.2021 16:32	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	03.19.2021 16:32	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	03.19.2021 16:32	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	03.19.2021 16:32	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	03.19.2021 16:32	U	1
Total BTEX		<0.00198	0.00198	mg/kg	03.19.2021 16:32	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	102	%	70-130	03.19.2021 16:32		
1,4-Difluorobenzene	540-36-3	109	%	70-130	03.19.2021 16:32		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-3 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-003 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	128	4.97	mg/kg	03.16.2021 14:09		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 14:07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 14:07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 14:07	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 14:07	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	113	%	70-130	03.15.2021 14:07		
o-Terphenyl	84-15-1	127	%	70-130	03.15.2021 14:07		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-3 (3')**
 Lab Sample Id: 691598-003

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154249

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.19.2021 16:58	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.19.2021 16:58	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.19.2021 16:58	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.19.2021 16:58	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.19.2021 16:58	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.19.2021 16:58	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.19.2021 16:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	120	%	70-130	03.19.2021 16:58		
1,4-Difluorobenzene	540-36-3	125	%	70-130	03.19.2021 16:58		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-4 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-004 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	175	50.4	mg/kg	03.16.2021 14:26		10

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 14:28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 14:28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 14:28	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 14:28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	113	%	70-130	03.15.2021 14:28	
o-Terphenyl	84-15-1	126	%	70-130	03.15.2021 14:28	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-4 (3')**
 Lab Sample Id: 691598-004

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154249

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.19.2021 17:23	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.19.2021 17:23	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.19.2021 17:23	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	03.19.2021 17:23	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.19.2021 17:23	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.19.2021 17:23	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.19.2021 17:23	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	109	%	70-130	03.19.2021 17:23		
1,4-Difluorobenzene	540-36-3	112	%	70-130	03.19.2021 17:23		



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NT Global, Midland, TX
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Sample Id: **CS-5 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-005 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	104	4.97	mg/kg	03.16.2021 14:31		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 14:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 14:49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 14:49	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 14:49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	03.15.2021 14:49	
o-Terphenyl	84-15-1	124	%	70-130	03.15.2021 14:49	



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NT Global, Midland, TX
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Sample Id: **CS-5 (3')**
 Lab Sample Id: 691598-005

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154249

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.19.2021 17:49	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.19.2021 17:49	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.19.2021 17:49	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	03.19.2021 17:49	U	1
o-Xylene	95-47-6	0.00202	0.00200	mg/kg	03.19.2021 17:49		1
Total Xylenes	1330-20-7	0.00202	0.00200	mg/kg	03.19.2021 17:49		1
Total BTEX		0.00202	0.00200	mg/kg	03.19.2021 17:49		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	120	%	70-130	03.19.2021 17:49		
4-Bromofluorobenzene	460-00-4	119	%	70-130	03.19.2021 17:49		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-6 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-006 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	87.1	4.95	mg/kg	03.16.2021 14:37		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 15:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 15:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 15:10	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 15:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	03.15.2021 15:10	
o-Terphenyl	84-15-1	116	%	70-130	03.15.2021 15:10	



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NT Global, Midland, TX
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Sample Id: **CS-6 (3')**
 Lab Sample Id: 691598-006

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154249

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.19.2021 18:15	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.19.2021 18:15	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.19.2021 18:15	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.19.2021 18:15	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.19.2021 18:15	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.19.2021 18:15	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.19.2021 18:15	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	118	%	70-130	03.19.2021 18:15		
1,4-Difluorobenzene	540-36-3	115	%	70-130	03.19.2021 18:15		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-7 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-007 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	171	50.4	mg/kg	03.16.2021 14:51		10

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	03.15.2021 15:31	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	03.15.2021 15:31	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	03.15.2021 15:31	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	03.15.2021 15:31	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	113	%	70-130	03.15.2021 15:31		
o-Terphenyl	84-15-1	127	%	70-130	03.15.2021 15:31		



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NT Global, Midland, TX
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Sample Id: **CS-7 (3')**
 Lab Sample Id: 691598-007

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154249

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	03.19.2021 18:40	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	03.19.2021 18:40	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	03.19.2021 18:40	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	03.19.2021 18:40	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	03.19.2021 18:40	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	03.19.2021 18:40	U	1
Total BTEX		<0.00201	0.00201	mg/kg	03.19.2021 18:40	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	106	%	70-130	03.19.2021 18:40		
1,4-Difluorobenzene	540-36-3	115	%	70-130	03.19.2021 18:40		



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NT Global, Midland, TX
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Sample Id: **CS-8 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-008 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	82.2	4.97	mg/kg	03.16.2021 18:13		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 15:52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 15:52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 15:52	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 15:52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	112	%	70-130	03.15.2021 15:52	
o-Terphenyl	84-15-1	125	%	70-130	03.15.2021 15:52	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-8 (3')**
 Lab Sample Id: 691598-008

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154249

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.19.2021 19:06	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.19.2021 19:06	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.19.2021 19:06	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.19.2021 19:06	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.19.2021 19:06	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.19.2021 19:06	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.19.2021 19:06	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	112	%	70-130	03.19.2021 19:06		
4-Bromofluorobenzene	460-00-4	114	%	70-130	03.19.2021 19:06		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-9 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-009 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	113	4.95	mg/kg	03.16.2021 18:18		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 16:13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 16:13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 16:13	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 16:13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	115	%	70-130	03.15.2021 16:13	
o-Terphenyl	84-15-1	129	%	70-130	03.15.2021 16:13	



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NT Global, Midland, TX
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Sample Id: **CS-9 (3')**
 Lab Sample Id: 691598-009

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154249

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.19.2021 19:31	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.19.2021 19:31	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.19.2021 19:31	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	03.19.2021 19:31	U	1
o-Xylene	95-47-6	0.00205	0.00200	mg/kg	03.19.2021 19:31		1
Total Xylenes	1330-20-7	0.00205	0.00200	mg/kg	03.19.2021 19:31		1
Total BTEX		0.00205	0.00200	mg/kg	03.19.2021 19:31		1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	107	%	70-130	03.19.2021 19:31		
1,4-Difluorobenzene	540-36-3	115	%	70-130	03.19.2021 19:31		



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NT Global, Midland, TX
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Sample Id: **CS-10 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-010 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	170	50.5	mg/kg	03.16.2021 18:24		10

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	03.15.2021 16:34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	03.15.2021 16:34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	03.15.2021 16:34	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	03.15.2021 16:34	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	111	%	70-130	03.15.2021 16:34		
o-Terphenyl	84-15-1	126	%	70-130	03.15.2021 16:34		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-10 (3')**
 Lab Sample Id: 691598-010

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154249

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.19.2021 19:56	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.19.2021 19:56	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.19.2021 19:56	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.19.2021 19:56	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.19.2021 19:56	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.19.2021 19:56	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.19.2021 19:56	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	124	%	70-130	03.19.2021 19:56		
1,4-Difluorobenzene	540-36-3	117	%	70-130	03.19.2021 19:56		



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NT Global, Midland, TX
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Sample Id: **CS-11 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-011 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	89.9	5.00	mg/kg	03.16.2021 18:29		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 17:16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 17:16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 17:16	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 17:16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	114	%	70-130	03.15.2021 17:16	
o-Terphenyl	84-15-1	128	%	70-130	03.15.2021 17:16	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-11 (3')**
 Lab Sample Id: 691598-011

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.19.2021 06:14	UX	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.19.2021 06:14	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.19.2021 06:14	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	03.19.2021 06:14	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.19.2021 06:14	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.19.2021 06:14	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.19.2021 06:14	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	95	%	70-130	03.19.2021 06:14		
4-Bromofluorobenzene	460-00-4	105	%	70-130	03.19.2021 06:14		



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NT Global, Midland, TX
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Sample Id: **CS-12 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-012 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	182	49.8	mg/kg	03.16.2021 18:35		10

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 17:37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 17:37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 17:37	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 17:37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	03.15.2021 17:37	
o-Terphenyl	84-15-1	119	%	70-130	03.15.2021 17:37	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-12 (3')**
 Lab Sample Id: 691598-012

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.19.2021 06:35	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.19.2021 06:35	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.19.2021 06:35	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.19.2021 06:35	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.19.2021 06:35	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.19.2021 06:35	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.19.2021 06:35	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	95	%	70-130	03.19.2021 06:35		
4-Bromofluorobenzene	460-00-4	114	%	70-130	03.19.2021 06:35		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-13 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-013 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	98.1	4.95	mg/kg	03.16.2021 18:40		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 17:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 17:58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 17:58	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 17:58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	121	%	70-130	03.15.2021 17:58	
o-Terphenyl	84-15-1	136	%	70-130	03.15.2021 17:58	**



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-13 (3')**
 Lab Sample Id: 691598-013

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.19.2021 06:55	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.19.2021 06:55	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.19.2021 06:55	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.19.2021 06:55	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.19.2021 06:55	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.19.2021 06:55	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.19.2021 06:55	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	97	%	70-130	03.19.2021 06:55		
4-Bromofluorobenzene	460-00-4	111	%	70-130	03.19.2021 06:55		



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Sample Id: **CS-14 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-014 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	98.7	5.02	mg/kg	03.16.2021 18:57		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 18:19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 18:19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 18:19	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 18:19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	115	%	70-130	03.15.2021 18:19	
o-Terphenyl	84-15-1	127	%	70-130	03.15.2021 18:19	



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NT Global, Midland, TX
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Sample Id: **CS-14 (3')**
Lab Sample Id: 691598-014

Matrix: Soil
Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.19.2021 07:16	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.19.2021 07:16	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.19.2021 07:16	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	03.19.2021 07:16	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.19.2021 07:16	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.19.2021 07:16	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.19.2021 07:16	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	111	%	70-130	03.19.2021 07:16		
1,4-Difluorobenzene	540-36-3	101	%	70-130	03.19.2021 07:16		



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Sample Id: **CS-15 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-015 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	183	50.0	mg/kg	03.16.2021 19:02		10

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 18:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 18:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 18:40	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 18:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	03.15.2021 18:40	
o-Terphenyl	84-15-1	116	%	70-130	03.15.2021 18:40	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-15 (3')**
 Lab Sample Id: 691598-015

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	03.19.2021 07:36	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	03.19.2021 07:36	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	03.19.2021 07:36	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	03.19.2021 07:36	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	03.19.2021 07:36	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	03.19.2021 07:36	U	1
Total BTEX		<0.00198	0.00198	mg/kg	03.19.2021 07:36	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	102	%	70-130	03.19.2021 07:36		
4-Bromofluorobenzene	460-00-4	110	%	70-130	03.19.2021 07:36		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-16 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-016 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	87.6	4.95	mg/kg	03.16.2021 19:19		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 19:01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 19:01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 19:01	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 19:01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	03.15.2021 19:01	
o-Terphenyl	84-15-1	120	%	70-130	03.15.2021 19:01	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-16 (3')**
 Lab Sample Id: 691598-016

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.19.2021 07:57	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.19.2021 07:57	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.19.2021 07:57	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.19.2021 07:57	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.19.2021 07:57	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.19.2021 07:57	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.19.2021 07:57	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	98	%	70-130	03.19.2021 07:57		
4-Bromofluorobenzene	460-00-4	112	%	70-130	03.19.2021 07:57		



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NT Global, Midland, TX
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Sample Id: **CS-17 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-017 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	101	4.95	mg/kg	03.16.2021 19:25		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 19:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 19:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 19:22	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 19:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-130	03.15.2021 19:22	
o-Terphenyl	84-15-1	128	%	70-130	03.15.2021 19:22	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-17 (3')**
 Lab Sample Id: 691598-017

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.19.2021 08:17	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.19.2021 08:17	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.19.2021 08:17	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	03.19.2021 08:17	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.19.2021 08:17	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.19.2021 08:17	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.19.2021 08:17	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	108	%	70-130	03.19.2021 08:17		
1,4-Difluorobenzene	540-36-3	96	%	70-130	03.19.2021 08:17		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-18 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-018 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	157	50.4	mg/kg	03.16.2021 19:30		10

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 19:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 19:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 19:43	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 19:43	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	115	%	70-130	03.15.2021 19:43		
o-Terphenyl	84-15-1	125	%	70-130	03.15.2021 19:43		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-18 (3')**
 Lab Sample Id: 691598-018

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	03.19.2021 08:38	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	03.19.2021 08:38	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	03.19.2021 08:38	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	03.19.2021 08:38	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	03.19.2021 08:38	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	03.19.2021 08:38	U	1
Total BTEX		<0.00201	0.00201	mg/kg	03.19.2021 08:38	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	107	%	70-130	03.19.2021 08:38		
1,4-Difluorobenzene	540-36-3	94	%	70-130	03.19.2021 08:38		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-19 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-019 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	99.0	4.97	mg/kg	03.16.2021 19:36		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 20:04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 20:04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 20:04	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 20:04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	109	%	70-130	03.15.2021 20:04	
o-Terphenyl	84-15-1	124	%	70-130	03.15.2021 20:04	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-19 (3')**
 Lab Sample Id: 691598-019

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.19.2021 08:59	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.19.2021 08:59	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.19.2021 08:59	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.19.2021 08:59	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.19.2021 08:59	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.19.2021 08:59	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.19.2021 08:59	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	96	%	70-130	03.19.2021 08:59		
4-Bromofluorobenzene	460-00-4	105	%	70-130	03.19.2021 08:59		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-20 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-020 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	161	49.9	mg/kg	03.16.2021 19:41		10

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 11:00 % Moisture:
 Seq Number: 3153792 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 20:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 20:25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 20:25	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 20:25	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	103	%	70-130	03.15.2021 20:25		
o-Terphenyl	84-15-1	115	%	70-130	03.15.2021 20:25		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-20 (3')**
 Lab Sample Id: 691598-020

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.19.2021 09:19	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.19.2021 09:19	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.19.2021 09:19	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	03.19.2021 09:19	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.19.2021 09:19	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.19.2021 09:19	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.19.2021 09:19	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	107	%	70-130	03.19.2021 09:19		
1,4-Difluorobenzene	540-36-3	100	%	70-130	03.19.2021 09:19		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-21 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-021 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	92.4	5.02	mg/kg	03.16.2021 19:47		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 12:44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 12:44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 12:44	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 12:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	03.15.2021 12:44	
o-Terphenyl	84-15-1	101	%	70-130	03.15.2021 12:44	



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NT Global, Midland, TX
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Sample Id: **CS-21 (3')**
 Lab Sample Id: 691598-021

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.19.2021 10:22	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.19.2021 10:22	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.19.2021 10:22	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	03.19.2021 10:22	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.19.2021 10:22	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.19.2021 10:22	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.19.2021 10:22	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	99	%	70-130	03.19.2021 10:22		
4-Bromofluorobenzene	460-00-4	109	%	70-130	03.19.2021 10:22		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-22 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-022 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 11:15 % Moisture:
 Seq Number: 3153885 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	82.6	5.00	mg/kg	03.16.2021 19:52		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 13:46	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 13:46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 13:46	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 13:46	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	96	%	70-130	03.15.2021 13:46		
o-Terphenyl	84-15-1	102	%	70-130	03.15.2021 13:46		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-22 (3')**
 Lab Sample Id: 691598-022

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.19.2021 10:42	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.19.2021 10:42	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.19.2021 10:42	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.19.2021 10:42	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.19.2021 10:42	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.19.2021 10:42	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.19.2021 10:42	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	104	%	70-130	03.19.2021 10:42		
1,4-Difluorobenzene	540-36-3	93	%	70-130	03.19.2021 10:42		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-23 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-023 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	173	5.00	mg/kg	03.16.2021 17:58		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 14:07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 14:07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 14:07	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 14:07	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	96	%	70-130	03.15.2021 14:07		
o-Terphenyl	84-15-1	104	%	70-130	03.15.2021 14:07		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-23 (3')**
 Lab Sample Id: 691598-023

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.19.2021 11:03	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.19.2021 11:03	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.19.2021 11:03	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	03.19.2021 11:03	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.19.2021 11:03	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.19.2021 11:03	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.19.2021 11:03	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	96	%	70-130	03.19.2021 11:03		
4-Bromofluorobenzene	460-00-4	115	%	70-130	03.19.2021 11:03		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-24 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-024 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	92.8	4.96	mg/kg	03.16.2021 18:11		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 14:28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 14:28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 14:28	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 14:28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	03.15.2021 14:28	
o-Terphenyl	84-15-1	106	%	70-130	03.15.2021 14:28	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-24 (3')**
 Lab Sample Id: 691598-024

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.19.2021 11:23	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.19.2021 11:23	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.19.2021 11:23	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	03.19.2021 11:23	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.19.2021 11:23	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.19.2021 11:23	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.19.2021 11:23	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	97	%	70-130	03.19.2021 11:23		
4-Bromofluorobenzene	460-00-4	105	%	70-130	03.19.2021 11:23		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-25 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-025 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	188	4.99	mg/kg	03.16.2021 18:16		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 14:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 14:49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 14:49	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 14:49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	03.15.2021 14:49	
o-Terphenyl	84-15-1	102	%	70-130	03.15.2021 14:49	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-25 (3')**
Lab Sample Id: 691598-025

Matrix: Soil
Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.19.2021 11:44	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.19.2021 11:44	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.19.2021 11:44	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	03.19.2021 11:44	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.19.2021 11:44	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.19.2021 11:44	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.19.2021 11:44	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	110	%	70-130	03.19.2021 11:44		
1,4-Difluorobenzene	540-36-3	98	%	70-130	03.19.2021 11:44		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-26 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-026 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	131	5.02	mg/kg	03.16.2021 18:21		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 15:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 15:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 15:10	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 15:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	03.15.2021 15:10	
o-Terphenyl	84-15-1	97	%	70-130	03.15.2021 15:10	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-26 (3')**
 Lab Sample Id: 691598-026

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.19.2021 12:04	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.19.2021 12:04	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.19.2021 12:04	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	03.19.2021 12:04	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.19.2021 12:04	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.19.2021 12:04	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.19.2021 12:04	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	107	%	70-130	03.19.2021 12:04		
1,4-Difluorobenzene	540-36-3	97	%	70-130	03.19.2021 12:04		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-27 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-027 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	132	4.96	mg/kg	03.16.2021 18:26		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 15:31	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 15:31	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 15:31	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 15:31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	86	%	70-130	03.15.2021 15:31	
o-Terphenyl	84-15-1	92	%	70-130	03.15.2021 15:31	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-27 (3')**
 Lab Sample Id: 691598-027

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.19.2021 12:25	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.19.2021 12:25	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.19.2021 12:25	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	03.19.2021 12:25	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.19.2021 12:25	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.19.2021 12:25	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.19.2021 12:25	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	106	%	70-130	03.19.2021 12:25		
1,4-Difluorobenzene	540-36-3	99	%	70-130	03.19.2021 12:25		



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NT Global, Midland, TX
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Sample Id: **CS-28 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-028 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	201	4.95	mg/kg	03.16.2021 18:41		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 15:52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 15:52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 15:52	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 15:52	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	86	%	70-130	03.15.2021 15:52		
o-Terphenyl	84-15-1	93	%	70-130	03.15.2021 15:52		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-28 (3')**
 Lab Sample Id: 691598-028

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.19.2021 12:45	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.19.2021 12:45	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.19.2021 12:45	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.19.2021 12:45	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.19.2021 12:45	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.19.2021 12:45	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.19.2021 12:45	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	113	%	70-130	03.19.2021 12:45		
1,4-Difluorobenzene	540-36-3	99	%	70-130	03.19.2021 12:45		



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NT Global, Midland, TX
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Sample Id: **CS-29 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-029 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	171	5.04	mg/kg	03.16.2021 18:46		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 16:13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 16:13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 16:13	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 16:13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	03.15.2021 16:13	
o-Terphenyl	84-15-1	108	%	70-130	03.15.2021 16:13	



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-29 (3')**
Lab Sample Id: 691598-029

Matrix: Soil
Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.19.2021 13:06	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.19.2021 13:06	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.19.2021 13:06	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	03.19.2021 13:06	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.19.2021 13:06	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.19.2021 13:06	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.19.2021 13:06	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	03.19.2021 13:06		
4-Bromofluorobenzene	460-00-4	118	%	70-130	03.19.2021 13:06		



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NT Global, Midland, TX
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Sample Id: **CS-30 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-030 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	179	4.95	mg/kg	03.17.2021 09:00		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 16:34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 16:34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 16:34	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 16:34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	03.15.2021 16:34	
o-Terphenyl	84-15-1	111	%	70-130	03.15.2021 16:34	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-30 (3')**
 Lab Sample Id: 691598-030

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.18.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154183

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	03.19.2021 13:27	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	03.19.2021 13:27	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	03.19.2021 13:27	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	03.19.2021 13:27	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	03.19.2021 13:27	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	03.19.2021 13:27	U	1
Total BTEX		<0.00198	0.00198	mg/kg	03.19.2021 13:27	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	93	%	70-130	03.19.2021 13:27		
4-Bromofluorobenzene	460-00-4	109	%	70-130	03.19.2021 13:27		



Certificate of Analytical Results 691598

NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-31 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-031 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	204	4.96	mg/kg	03.16.2021 18:52		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 17:16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 17:16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 17:16	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 17:16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-130	03.15.2021 17:16	
o-Terphenyl	84-15-1	89	%	70-130	03.15.2021 17:16	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-31 (3')**
 Lab Sample Id: 691598-031

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	03.19.2021 23:50	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	03.19.2021 23:50	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	03.19.2021 23:50	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	03.19.2021 23:50	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	03.19.2021 23:50	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	03.19.2021 23:50	U	1
Total BTEX		<0.00198	0.00198	mg/kg	03.19.2021 23:50	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	100	%	70-130	03.19.2021 23:50		
4-Bromofluorobenzene	460-00-4	110	%	70-130	03.19.2021 23:50		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-32 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-032 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	122	4.99	mg/kg	03.17.2021 09:05		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 17:37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 17:37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 17:37	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 17:37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	03.15.2021 17:37	
o-Terphenyl	84-15-1	101	%	70-130	03.15.2021 17:37	



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-32 (3')**
Lab Sample Id: 691598-032

Matrix: Soil
Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.20.2021 00:15	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.20.2021 00:15	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.20.2021 00:15	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	03.20.2021 00:15	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.20.2021 00:15	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.20.2021 00:15	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.20.2021 00:15	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	103	%	70-130	03.20.2021 00:15		
1,4-Difluorobenzene	540-36-3	110	%	70-130	03.20.2021 00:15		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-33 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-033 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	159	5.00	mg/kg	03.16.2021 18:58	X	1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 17:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 17:58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 17:58	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 17:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	81	%	70-130	03.15.2021 17:58		
o-Terphenyl	84-15-1	86	%	70-130	03.15.2021 17:58		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-33 (3')**
 Lab Sample Id: 691598-033

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.20.2021 00:41	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.20.2021 00:41	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.20.2021 00:41	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.20.2021 00:41	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.20.2021 00:41	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.20.2021 00:41	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.20.2021 00:41	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	124	%	70-130	03.20.2021 00:41		
4-Bromofluorobenzene	460-00-4	119	%	70-130	03.20.2021 00:41		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-34 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-034 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	206	5.05	mg/kg	03.16.2021 19:13		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 18:19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 18:19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 18:19	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 18:19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	03.15.2021 18:19	
o-Terphenyl	84-15-1	103	%	70-130	03.15.2021 18:19	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-34 (3')**
 Lab Sample Id: 691598-034

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.20.2021 01:06	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.20.2021 01:06	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.20.2021 01:06	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	03.20.2021 01:06	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.20.2021 01:06	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.20.2021 01:06	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.20.2021 01:06	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	92	%	70-130	03.20.2021 01:06		
4-Bromofluorobenzene	460-00-4	106	%	70-130	03.20.2021 01:06		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-35 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-035 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	111	4.98	mg/kg	03.16.2021 19:18		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 18:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 18:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 18:40	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 18:40	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	81	%	70-130	03.15.2021 18:40		
o-Terphenyl	84-15-1	85	%	70-130	03.15.2021 18:40		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-35 (3')**

Matrix: Soil

Date Received: 03.12.2021 12:00

Lab Sample Id: 691598-035

Date Collected: 03.11.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:

Seq Number: 3154309

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.20.2021 01:32	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.20.2021 01:32	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.20.2021 01:32	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	03.20.2021 01:32	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.20.2021 01:32	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.20.2021 01:32	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.20.2021 01:32	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	103	%	70-130	03.20.2021 01:32		
1,4-Difluorobenzene	540-36-3	117	%	70-130	03.20.2021 01:32		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-36 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-036 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	222	4.95	mg/kg	03.16.2021 19:33		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 19:01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 19:01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 19:01	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 19:01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	82	%	70-130	03.15.2021 19:01	
o-Terphenyl	84-15-1	86	%	70-130	03.15.2021 19:01	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-36 (3')**
 Lab Sample Id: 691598-036

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.20.2021 01:58	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.20.2021 01:58	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.20.2021 01:58	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.20.2021 01:58	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.20.2021 01:58	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.20.2021 01:58	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.20.2021 01:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	104	%	70-130	03.20.2021 01:58		
4-Bromofluorobenzene	460-00-4	102	%	70-130	03.20.2021 01:58		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-37 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-037 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	76.0	4.96	mg/kg	03.16.2021 19:38		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 19:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 19:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 19:22	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 19:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	03.15.2021 19:22	
o-Terphenyl	84-15-1	101	%	70-130	03.15.2021 19:22	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-37 (3')**
 Lab Sample Id: 691598-037

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.20.2021 02:24	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.20.2021 02:24	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.20.2021 02:24	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	03.20.2021 02:24	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.20.2021 02:24	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.20.2021 02:24	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.20.2021 02:24	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	107	%	70-130	03.20.2021 02:24		
1,4-Difluorobenzene	540-36-3	113	%	70-130	03.20.2021 02:24		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-38 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-038 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	205	5.04	mg/kg	03.17.2021 09:10		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.15.2021 19:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.15.2021 19:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.15.2021 19:43	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.15.2021 19:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-130	03.15.2021 19:43	
o-Terphenyl	84-15-1	86	%	70-130	03.15.2021 19:43	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-38 (3')**
 Lab Sample Id: 691598-038

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.20.2021 05:25	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.20.2021 05:25	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.20.2021 05:25	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.20.2021 05:25	U	1
o-Xylene	95-47-6	0.00200	0.00200	mg/kg	03.20.2021 05:25		1
Total Xylenes	1330-20-7	0.00200	0.00200	mg/kg	03.20.2021 05:25		1
Total BTEX		0.00200	0.00200	mg/kg	03.20.2021 05:25		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	112	%	70-130	03.20.2021 05:25	
1,4-Difluorobenzene	540-36-3	106	%	70-130	03.20.2021 05:25	



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NT Global, Midland, TX
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Sample Id: **CS-39 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-039 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	193	5.05	mg/kg	03.16.2021 19:44		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 20:04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 20:04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 20:04	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 20:04	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	86	%	70-130	03.15.2021 20:04		
o-Terphenyl	84-15-1	93	%	70-130	03.15.2021 20:04		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-39 (3')**
 Lab Sample Id: 691598-039

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	03.20.2021 05:51	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	03.20.2021 05:51	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	03.20.2021 05:51	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	03.20.2021 05:51	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	03.20.2021 05:51	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	03.20.2021 05:51	U	1
Total BTEX		<0.00198	0.00198	mg/kg	03.20.2021 05:51	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	101	%	70-130	03.20.2021 05:51		
1,4-Difluorobenzene	540-36-3	106	%	70-130	03.20.2021 05:51		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-40 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-040 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	116	5.05	mg/kg	03.16.2021 19:49		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.15.2021 12:00 % Moisture:
 Seq Number: 3153794 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.15.2021 20:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.15.2021 20:25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.15.2021 20:25	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.15.2021 20:25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-130	03.15.2021 20:25	
o-Terphenyl	84-15-1	91	%	70-130	03.15.2021 20:25	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-40 (3')**
 Lab Sample Id: 691598-040

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.20.2021 06:18	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.20.2021 06:18	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.20.2021 06:18	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.20.2021 06:18	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.20.2021 06:18	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.20.2021 06:18	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.20.2021 06:18	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	112	%	70-130	03.20.2021 06:18		
1,4-Difluorobenzene	540-36-3	113	%	70-130	03.20.2021 06:18		



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NT Global, Midland, TX
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Sample Id: **CS-41 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-041 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	168	5.05	mg/kg	03.16.2021 19:54		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.16.2021 11:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.16.2021 11:49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.16.2021 11:49	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.16.2021 11:49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	03.16.2021 11:49	
o-Terphenyl	84-15-1	109	%	70-130	03.16.2021 11:49	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-41 (3')**
 Lab Sample Id: 691598-041

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.20.2021 06:44	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.20.2021 06:44	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.20.2021 06:44	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.20.2021 06:44	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.20.2021 06:44	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.20.2021 06:44	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.20.2021 06:44	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	103	%	70-130	03.20.2021 06:44		
4-Bromofluorobenzene	460-00-4	108	%	70-130	03.20.2021 06:44		



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NT Global, Midland, TX
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Sample Id: **CS-42 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-042 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153890 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	206	4.98	mg/kg	03.16.2021 19:59		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.16.2021 12:53	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.16.2021 12:53	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.16.2021 12:53	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.16.2021 12:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	03.16.2021 12:53	
o-Terphenyl	84-15-1	114	%	70-130	03.16.2021 12:53	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-42 (3')**
 Lab Sample Id: 691598-042

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	03.20.2021 07:10	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	03.20.2021 07:10	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	03.20.2021 07:10	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	03.20.2021 07:10	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	03.20.2021 07:10	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	03.20.2021 07:10	U	1
Total BTEX		<0.00198	0.00198	mg/kg	03.20.2021 07:10	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	108	%	70-130	03.20.2021 07:10		
1,4-Difluorobenzene	540-36-3	110	%	70-130	03.20.2021 07:10		



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NT Global, Midland, TX
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Sample Id: **CS-43 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-043 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	113	5.04	mg/kg	03.16.2021 20:29		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.16.2021 13:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.16.2021 13:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.16.2021 13:14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.16.2021 13:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	03.16.2021 13:14	
o-Terphenyl	84-15-1	111	%	70-130	03.16.2021 13:14	



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NT Global, Midland, TX
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Sample Id: **CS-43 (3')**
 Lab Sample Id: 691598-043

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.20.2021 07:36	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.20.2021 07:36	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.20.2021 07:36	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.20.2021 07:36	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.20.2021 07:36	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.20.2021 07:36	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.20.2021 07:36	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	102	%	70-130	03.20.2021 07:36		
1,4-Difluorobenzene	540-36-3	104	%	70-130	03.20.2021 07:36		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-44 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-044 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	214	4.99	mg/kg	03.16.2021 20:44		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.16.2021 13:35	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.16.2021 13:35	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.16.2021 13:35	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.16.2021 13:35	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	101	%	70-130	03.16.2021 13:35		
o-Terphenyl	84-15-1	101	%	70-130	03.16.2021 13:35		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-44 (3')**
 Lab Sample Id: 691598-044

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.20.2021 08:02	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.20.2021 08:02	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.20.2021 08:02	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	03.20.2021 08:02	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.20.2021 08:02	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.20.2021 08:02	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.20.2021 08:02	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	120	%	70-130	03.20.2021 08:02		
4-Bromofluorobenzene	460-00-4	119	%	70-130	03.20.2021 08:02		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-45 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-045 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	173	4.95	mg/kg	03.16.2021 20:49		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.16.2021 13:56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.16.2021 13:56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.16.2021 13:56	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.16.2021 13:56	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	100	%	70-130	03.16.2021 13:56		
o-Terphenyl	84-15-1	102	%	70-130	03.16.2021 13:56		



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NT Global, Midland, TX
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Sample Id: **CS-45 (3')**
Lab Sample Id: 691598-045

Matrix: Soil
Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.20.2021 08:27	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.20.2021 08:27	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.20.2021 08:27	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	03.20.2021 08:27	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.20.2021 08:27	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.20.2021 08:27	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.20.2021 08:27	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	101	%	70-130	03.20.2021 08:27		
1,4-Difluorobenzene	540-36-3	117	%	70-130	03.20.2021 08:27		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-46 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-046 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	190	4.97	mg/kg	03.16.2021 20:54		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.16.2021 14:17	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.16.2021 14:17	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.16.2021 14:17	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.16.2021 14:17	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	105	%	70-130	03.16.2021 14:17		
o-Terphenyl	84-15-1	105	%	70-130	03.16.2021 14:17		



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NT Global, Midland, TX
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Sample Id: **CS-46 (3')**
 Lab Sample Id: 691598-046

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.20.2021 08:53	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.20.2021 08:53	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.20.2021 08:53	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.20.2021 08:53	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.20.2021 08:53	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.20.2021 08:53	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.20.2021 08:53	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	113	%	70-130	03.20.2021 08:53		
4-Bromofluorobenzene	460-00-4	116	%	70-130	03.20.2021 08:53		



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NT Global, Midland, TX
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Sample Id: **CS-47 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-047 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	184	4.97	mg/kg	03.16.2021 20:59		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.16.2021 14:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.16.2021 14:38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.16.2021 14:38	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.16.2021 14:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	112	%	70-130	03.16.2021 14:38	
o-Terphenyl	84-15-1	118	%	70-130	03.16.2021 14:38	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-47 (3')**
 Lab Sample Id: 691598-047

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3154309

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	03.20.2021 09:51	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	03.20.2021 09:51	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	03.20.2021 09:51	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	03.20.2021 09:51	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	03.20.2021 09:51	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	03.20.2021 09:51	U	1
Total BTEX		<0.00201	0.00201	mg/kg	03.20.2021 09:51	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	122	%	70-130	03.20.2021 09:51		
1,4-Difluorobenzene	540-36-3	113	%	70-130	03.20.2021 09:51		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-48 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-048 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	118	4.97	mg/kg	03.16.2021 21:14		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.16.2021 15:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.16.2021 15:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.16.2021 15:00	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.16.2021 15:00	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	101	%	70-130	03.16.2021 15:00		
o-Terphenyl	84-15-1	105	%	70-130	03.16.2021 15:00		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-48 (3')**
 Lab Sample Id: 691598-048

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.20.2021 05:01	UX	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.20.2021 05:01	UX	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.20.2021 05:01	UX	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.20.2021 05:01	UX	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.20.2021 05:01	UX	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.20.2021 05:01	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.20.2021 05:01	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	102	%	70-130	03.20.2021 05:01		
1,4-Difluorobenzene	540-36-3	98	%	70-130	03.20.2021 05:01		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-49 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-049 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	226	5.05	mg/kg	03.16.2021 21:19		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.16.2021 15:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.16.2021 15:21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.16.2021 15:21	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.16.2021 15:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	03.16.2021 15:21	
o-Terphenyl	84-15-1	107	%	70-130	03.16.2021 15:21	



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NT Global, Midland, TX
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Sample Id: **CS-49 (3')**
 Lab Sample Id: 691598-049

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	03.20.2021 05:22	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	03.20.2021 05:22	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	03.20.2021 05:22	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	03.20.2021 05:22	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	03.20.2021 05:22	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	03.20.2021 05:22	U	1
Total BTEX		<0.00201	0.00201	mg/kg	03.20.2021 05:22	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	95	%	70-130	03.20.2021 05:22		
4-Bromofluorobenzene	460-00-4	104	%	70-130	03.20.2021 05:22		



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Sample Id: **CS-50(3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-050 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	197	4.98	mg/kg	03.16.2021 21:24		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.16.2021 15:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.16.2021 15:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.16.2021 15:43	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.16.2021 15:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	03.16.2021 15:43	
o-Terphenyl	84-15-1	108	%	70-130	03.16.2021 15:43	



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Sample Id: **CS-50(3')**
 Lab Sample Id: 691598-050

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.20.2021 05:42	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.20.2021 05:42	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.20.2021 05:42	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.20.2021 05:42	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.20.2021 05:42	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.20.2021 05:42	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.20.2021 05:42	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	108	%	70-130	03.20.2021 05:42		
1,4-Difluorobenzene	540-36-3	97	%	70-130	03.20.2021 05:42		



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Sample Id: **CS-51 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-051 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	202	5.00	mg/kg	03.16.2021 21:29		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.16.2021 16:25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.16.2021 16:25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.16.2021 16:25	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.16.2021 16:25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	03.16.2021 16:25	
o-Terphenyl	84-15-1	109	%	70-130	03.16.2021 16:25	



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NT Global, Midland, TX
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Sample Id: **CS-51 (3')**
 Lab Sample Id: 691598-051

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	03.20.2021 06:03	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	03.20.2021 06:03	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	03.20.2021 06:03	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	03.20.2021 06:03	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	03.20.2021 06:03	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	03.20.2021 06:03	U	1
Total BTEX		<0.00198	0.00198	mg/kg	03.20.2021 06:03	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	100	%	70-130	03.20.2021 06:03		
4-Bromofluorobenzene	460-00-4	109	%	70-130	03.20.2021 06:03		



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Sample Id: **CS-52 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-052 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	147	5.05	mg/kg	03.16.2021 21:34		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.16.2021 16:46	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.16.2021 16:46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.16.2021 16:46	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.16.2021 16:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	03.16.2021 16:46	
o-Terphenyl	84-15-1	102	%	70-130	03.16.2021 16:46	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-52 (3')**
 Lab Sample Id: 691598-052

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.20.2021 06:23	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.20.2021 06:23	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.20.2021 06:23	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.20.2021 06:23	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.20.2021 06:23	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.20.2021 06:23	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.20.2021 06:23	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	94	%	70-130	03.20.2021 06:23		
4-Bromofluorobenzene	460-00-4	109	%	70-130	03.20.2021 06:23		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-53 (3')** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-053 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	111	5.05	mg/kg	03.16.2021 21:39		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.16.2021 17:07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.16.2021 17:07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.16.2021 17:07	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.16.2021 17:07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	03.16.2021 17:07	
o-Terphenyl	84-15-1	106	%	70-130	03.16.2021 17:07	



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NT Global, Midland, TX
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Sample Id: **CS-53 (3')**
 Lab Sample Id: 691598-053

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.20.2021 06:44	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.20.2021 06:44	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.20.2021 06:44	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	03.20.2021 06:44	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.20.2021 06:44	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.20.2021 06:44	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.20.2021 06:44	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	103	%	70-130	03.20.2021 06:44		
4-Bromofluorobenzene	460-00-4	111	%	70-130	03.20.2021 06:44		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-54 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-054 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	119	4.97	mg/kg	03.16.2021 21:54		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	03.16.2021 17:28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	03.16.2021 17:28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	03.16.2021 17:28	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	03.16.2021 17:28	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	102	%	70-130	03.16.2021 17:28		
o-Terphenyl	84-15-1	103	%	70-130	03.16.2021 17:28		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-54 (6")**
 Lab Sample Id: 691598-054

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.20.2021 07:04	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.20.2021 07:04	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.20.2021 07:04	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	03.20.2021 07:04	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.20.2021 07:04	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.20.2021 07:04	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.20.2021 07:04	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	105	%	70-130	03.20.2021 07:04		
1,4-Difluorobenzene	540-36-3	100	%	70-130	03.20.2021 07:04		



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NT Global, Midland, TX
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Sample Id: **CS-55 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-055 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	210	5.00	mg/kg	03.16.2021 21:59		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.16.2021 17:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.16.2021 17:49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.16.2021 17:49	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.16.2021 17:49	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	105	%	70-130	03.16.2021 17:49		
o-Terphenyl	84-15-1	112	%	70-130	03.16.2021 17:49		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-55 (6")**
 Lab Sample Id: 691598-055

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.20.2021 07:25	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.20.2021 07:25	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.20.2021 07:25	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.20.2021 07:25	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.20.2021 07:25	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.20.2021 07:25	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.20.2021 07:25	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	03.20.2021 07:25		
4-Bromofluorobenzene	460-00-4	102	%	70-130	03.20.2021 07:25		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-56 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-056 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	210	4.99	mg/kg	03.16.2021 22:14		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.16.2021 18:11	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.16.2021 18:11	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.16.2021 18:11	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.16.2021 18:11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	03.16.2021 18:11	
o-Terphenyl	84-15-1	105	%	70-130	03.16.2021 18:11	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-56 (6")**
 Lab Sample Id: 691598-056

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.20.2021 07:46	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.20.2021 07:46	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.20.2021 07:46	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.20.2021 07:46	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.20.2021 07:46	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.20.2021 07:46	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.20.2021 07:46	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	110	%	70-130	03.20.2021 07:46		
1,4-Difluorobenzene	540-36-3	102	%	70-130	03.20.2021 07:46		



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NT Global, Midland, TX
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Sample Id: **CS-57 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-057 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	203	5.02	mg/kg	03.16.2021 22:19		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.16.2021 18:32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.16.2021 18:32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.16.2021 18:32	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.16.2021 18:32	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	102	%	70-130	03.16.2021 18:32		
o-Terphenyl	84-15-1	104	%	70-130	03.16.2021 18:32		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-57 (6")**
 Lab Sample Id: 691598-057

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	03.20.2021 08:07	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	03.20.2021 08:07	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	03.20.2021 08:07	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	03.20.2021 08:07	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	03.20.2021 08:07	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	03.20.2021 08:07	U	1
Total BTEX		<0.00198	0.00198	mg/kg	03.20.2021 08:07	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	99	%	70-130	03.20.2021 08:07		
4-Bromofluorobenzene	460-00-4	104	%	70-130	03.20.2021 08:07		



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NT Global, Midland, TX
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Sample Id: **CS-58 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-058 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	197	4.98	mg/kg	03.16.2021 22:24		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.16.2021 18:53	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.16.2021 18:53	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.16.2021 18:53	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.16.2021 18:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	03.16.2021 18:53	
o-Terphenyl	84-15-1	94	%	70-130	03.16.2021 18:53	



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-58 (6")**
 Lab Sample Id: 691598-058

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.20.2021 09:31	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.20.2021 09:31	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.20.2021 09:31	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.20.2021 09:31	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.20.2021 09:31	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.20.2021 09:31	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.20.2021 09:31	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	102	%	70-130	03.20.2021 09:31		
1,4-Difluorobenzene	540-36-3	98	%	70-130	03.20.2021 09:31		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-59 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-059 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	181	5.00	mg/kg	03.16.2021 22:29		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.16.2021 19:14	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.16.2021 19:14	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.16.2021 19:14	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.16.2021 19:14	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	105	%	70-130	03.16.2021 19:14		
o-Terphenyl	84-15-1	108	%	70-130	03.16.2021 19:14		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-59 (6")**
 Lab Sample Id: 691598-059

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.20.2021 09:52	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.20.2021 09:52	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.20.2021 09:52	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.20.2021 09:52	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.20.2021 09:52	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.20.2021 09:52	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.20.2021 09:52	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	104	%	70-130	03.20.2021 09:52		
4-Bromofluorobenzene	460-00-4	103	%	70-130	03.20.2021 09:52		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-60 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-060 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	224	5.00	mg/kg	03.16.2021 22:34		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ALJ
 Analyst: ARM Date Prep: 03.16.2021 12:00 % Moisture:
 Seq Number: 3153940 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.16.2021 19:36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.16.2021 19:36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.16.2021 19:36	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.16.2021 19:36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	03.16.2021 19:36	
o-Terphenyl	84-15-1	108	%	70-130	03.16.2021 19:36	



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NT Global, Midland, TX
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Sample Id: **CS-60 (6")**
 Lab Sample Id: 691598-060

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	03.20.2021 10:51	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	03.20.2021 10:51	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	03.20.2021 10:51	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	03.20.2021 10:51	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	03.20.2021 10:51	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	03.20.2021 10:51	U	1
Total BTEX		<0.00198	0.00198	mg/kg	03.20.2021 10:51	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	03.20.2021 10:51		
4-Bromofluorobenzene	460-00-4	103	%	70-130	03.20.2021 10:51		



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NT Global, Midland, TX
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Sample Id: **CS-61 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-061 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	107	5.00	mg/kg	03.16.2021 22:39		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ARM
 Analyst: ARM Date Prep: 03.18.2021 14:00 % Moisture:
 Seq Number: 3154254 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.18.2021 17:15	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.18.2021 17:15	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.18.2021 17:15	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.18.2021 17:15	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	112	%	70-130	03.18.2021 17:15		
o-Terphenyl	84-15-1	97	%	70-130	03.18.2021 17:15		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-61 (6")**
 Lab Sample Id: 691598-061

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.20.2021 11:12	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.20.2021 11:12	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.20.2021 11:12	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.20.2021 11:12	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.20.2021 11:12	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.20.2021 11:12	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.20.2021 11:12	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	104	%	70-130	03.20.2021 11:12		
1,4-Difluorobenzene	540-36-3	98	%	70-130	03.20.2021 11:12		



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NT Global, Midland, TX
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Sample Id: **CS-62 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-062 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.16.2021 16:00 % Moisture:
 Seq Number: 3153892 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	116	5.04	mg/kg	03.16.2021 22:44		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ARM
 Analyst: ARM Date Prep: 03.18.2021 14:00 % Moisture:
 Seq Number: 3154254 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.18.2021 18:18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.18.2021 18:18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.18.2021 18:18	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.18.2021 18:18	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	105	%	70-130	03.18.2021 18:18		
o-Terphenyl	84-15-1	92	%	70-130	03.18.2021 18:18		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-62 (6")**
 Lab Sample Id: 691598-062

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.20.2021 11:33	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.20.2021 11:33	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.20.2021 11:33	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	03.20.2021 11:33	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.20.2021 11:33	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.20.2021 11:33	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.20.2021 11:33	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	109	%	70-130	03.20.2021 11:33		
1,4-Difluorobenzene	540-36-3	102	%	70-130	03.20.2021 11:33		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-63 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-063 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.17.2021 09:30 % Moisture:
 Seq Number: 3153933 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	119	4.98	mg/kg	03.17.2021 10:56		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ARM
 Analyst: ARM Date Prep: 03.18.2021 14:00 % Moisture:
 Seq Number: 3154254 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	03.18.2021 18:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	03.18.2021 18:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	03.18.2021 18:39	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	03.18.2021 18:39	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	115	%	70-130	03.18.2021 18:39		
o-Terphenyl	84-15-1	99	%	70-130	03.18.2021 18:39		



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NT Global, Midland, TX
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Sample Id: **CS-63 (6")**
 Lab Sample Id: 691598-063

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.20.2021 11:53	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.20.2021 11:53	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.20.2021 11:53	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	03.20.2021 11:53	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.20.2021 11:53	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.20.2021 11:53	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.20.2021 11:53	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	03.20.2021 11:53		
4-Bromofluorobenzene	460-00-4	104	%	70-130	03.20.2021 11:53		



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Sample Id: **CS-64 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-064 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.17.2021 09:30 % Moisture:
 Seq Number: 3153933 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	114	5.00	mg/kg	03.17.2021 11:02		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ARM
 Analyst: ARM Date Prep: 03.18.2021 14:00 % Moisture:
 Seq Number: 3154254 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.18.2021 19:00	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.18.2021 19:00	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.18.2021 19:00	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.18.2021 19:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-130	03.18.2021 19:00	
o-Terphenyl	84-15-1	93	%	70-130	03.18.2021 19:00	



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NT Global, Midland, TX
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Sample Id: **CS-64 (6")**
 Lab Sample Id: 691598-064

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	03.20.2021 12:14	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	03.20.2021 12:14	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	03.20.2021 12:14	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	03.20.2021 12:14	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	03.20.2021 12:14	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	03.20.2021 12:14	U	1
Total BTEX		<0.00201	0.00201	mg/kg	03.20.2021 12:14	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	110	%	70-130	03.20.2021 12:14		
1,4-Difluorobenzene	540-36-3	103	%	70-130	03.20.2021 12:14		



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Sample Id: **CS-65 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-065 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.17.2021 09:30 % Moisture:
 Seq Number: 3153933 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	99.9	4.95	mg/kg	03.17.2021 11:07		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ARM
 Analyst: ARM Date Prep: 03.18.2021 14:00 % Moisture:
 Seq Number: 3154254 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.18.2021 19:24	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.18.2021 19:24	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.18.2021 19:24	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.18.2021 19:24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	112	%	70-130	03.18.2021 19:24	
o-Terphenyl	84-15-1	97	%	70-130	03.18.2021 19:24	



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Sample Id: **CS-65 (6")**
 Lab Sample Id: 691598-065

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.20.2021 12:35	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.20.2021 12:35	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.20.2021 12:35	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.20.2021 12:35	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.20.2021 12:35	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.20.2021 12:35	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.20.2021 12:35	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	96	%	70-130	03.20.2021 12:35		
4-Bromofluorobenzene	460-00-4	103	%	70-130	03.20.2021 12:35		



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Sample Id: **CS-66 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-066 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.17.2021 09:30 % Moisture:
 Seq Number: 3153933 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	108	4.95	mg/kg	03.17.2021 11:13		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ARM
 Analyst: ARM Date Prep: 03.18.2021 14:00 % Moisture:
 Seq Number: 3154254 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.18.2021 19:44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.18.2021 19:44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.18.2021 19:44	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.18.2021 19:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-130	03.18.2021 19:44	
o-Terphenyl	84-15-1	94	%	70-130	03.18.2021 19:44	



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NT Global, Midland, TX
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Sample Id: **CS-66 (6")**
 Lab Sample Id: 691598-066

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	03.20.2021 12:55	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	03.20.2021 12:55	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	03.20.2021 12:55	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	03.20.2021 12:55	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	03.20.2021 12:55	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	03.20.2021 12:55	U	1
Total BTEX		<0.00198	0.00198	mg/kg	03.20.2021 12:55	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	03.20.2021 12:55		
4-Bromofluorobenzene	460-00-4	110	%	70-130	03.20.2021 12:55		



Certificate of Analytical Results 691598

NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-67 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-067 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.17.2021 09:30 % Moisture:
 Seq Number: 3153933 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	101	4.97	mg/kg	03.17.2021 11:18		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ARM
 Analyst: ARM Date Prep: 03.18.2021 14:00 % Moisture:
 Seq Number: 3154254 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.18.2021 20:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.18.2021 20:05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.18.2021 20:05	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.18.2021 20:05	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	108	%	70-130	03.18.2021 20:05		
o-Terphenyl	84-15-1	93	%	70-130	03.18.2021 20:05		



Certificate of Analytical Results 691598

NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-67 (6")**
 Lab Sample Id: 691598-067

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:37

% Moisture:
 Basis: Wet Weight

Seq Number: 3154332

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.20.2021 13:16	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.20.2021 13:16	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.20.2021 13:16	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	03.20.2021 13:16	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.20.2021 13:16	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.20.2021 13:16	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.20.2021 13:16	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	99	%	70-130	03.20.2021 13:16		
4-Bromofluorobenzene	460-00-4	104	%	70-130	03.20.2021 13:16		



Certificate of Analytical Results 691598

NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-68 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-068 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.17.2021 09:30 % Moisture:
 Seq Number: 3153933 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	114	5.05	mg/kg	03.17.2021 11:24		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ARM
 Analyst: ARM Date Prep: 03.18.2021 14:00 % Moisture:
 Seq Number: 3154254 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.18.2021 20:26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.18.2021 20:26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.18.2021 20:26	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.18.2021 20:26	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	104	%	70-130	03.18.2021 20:26		
o-Terphenyl	84-15-1	90	%	70-130	03.18.2021 20:26		



Certificate of Analytical Results 691598

NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-68 (6")**
 Lab Sample Id: 691598-068

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:15

% Moisture:
 Basis: Wet Weight

Seq Number: 3154310

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	03.20.2021 14:04	UXF	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	03.20.2021 14:04	UXF	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	03.20.2021 14:04	UXF	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	03.20.2021 14:04	UXF	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	03.20.2021 14:04	UXF	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	03.20.2021 14:04	U	1
Total BTEX		<0.00202	0.00202	mg/kg	03.20.2021 14:04	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	109	%	70-130	03.20.2021 14:04		
1,4-Difluorobenzene	540-36-3	101	%	70-130	03.20.2021 14:04		



Certificate of Analytical Results 691598

NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-69 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-069 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.17.2021 09:30 % Moisture:
 Seq Number: 3153933 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	100	5.04	mg/kg	03.17.2021 11:40		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ARM
 Analyst: ARM Date Prep: 03.18.2021 14:00 % Moisture:
 Seq Number: 3154254 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.18.2021 20:47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.18.2021 20:47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.18.2021 20:47	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.18.2021 20:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	03.18.2021 20:47	
o-Terphenyl	84-15-1	90	%	70-130	03.18.2021 20:47	



Certificate of Analytical Results 691598

NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-69 (6")**
 Lab Sample Id: 691598-069

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:15

% Moisture:
 Basis: Wet Weight

Seq Number: 3154310

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	03.20.2021 14:29	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	03.20.2021 14:29	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	03.20.2021 14:29	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	03.20.2021 14:29	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	03.20.2021 14:29	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	03.20.2021 14:29	U	1
Total BTEX		<0.00201	0.00201	mg/kg	03.20.2021 14:29	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	109	%	70-130	03.20.2021 14:29		
4-Bromofluorobenzene	460-00-4	98	%	70-130	03.20.2021 14:29		



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NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-70 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-070 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.17.2021 09:30 % Moisture:
 Seq Number: 3153933 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	105	4.96	mg/kg	03.17.2021 11:46		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ARM
 Analyst: ARM Date Prep: 03.18.2021 14:00 % Moisture:
 Seq Number: 3154254 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	03.18.2021 21:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	03.18.2021 21:08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	03.18.2021 21:08	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	03.18.2021 21:08	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	112	%	70-130	03.18.2021 21:08		
o-Terphenyl	84-15-1	94	%	70-130	03.18.2021 21:08		



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NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-70 (6")**
 Lab Sample Id: 691598-070

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:15

% Moisture:
 Basis: Wet Weight

Seq Number: 3154310

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.20.2021 14:54	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.20.2021 14:54	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.20.2021 14:54	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.20.2021 14:54	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.20.2021 14:54	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.20.2021 14:54	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.20.2021 14:54	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	114	%	70-130	03.20.2021 14:54		
4-Bromofluorobenzene	460-00-4	109	%	70-130	03.20.2021 14:54		



Certificate of Analytical Results 691598

NT Global, Midland, TX Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-71 (6")** Matrix: Soil Date Received: 03.12.2021 12:00
 Lab Sample Id: 691598-071 Date Collected: 03.11.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.17.2021 09:30 % Moisture:
 Seq Number: 3153933 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	101	5.00	mg/kg	03.17.2021 12:03		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: ARM
 Analyst: ARM Date Prep: 03.18.2021 14:00 % Moisture:
 Seq Number: 3154254 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	03.18.2021 21:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	03.18.2021 21:49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	03.18.2021 21:49	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	03.18.2021 21:49	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	103	%	70-130	03.18.2021 21:49		
o-Terphenyl	84-15-1	91	%	70-130	03.18.2021 21:49		



Certificate of Analytical Results 691598

NT Global, Midland, TX
Pinochle BNP Federal Com 2H 2RP-4732

Sample Id: **CS-71 (6")**
 Lab Sample Id: 691598-071

Matrix: Soil
 Date Collected: 03.11.2021 00:00

Date Received: 03.12.2021 12:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 03.19.2021 16:15

% Moisture:
 Basis: Wet Weight

Seq Number: 3154310

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.20.2021 15:20	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.20.2021 15:20	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.20.2021 15:20	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.20.2021 15:20	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.20.2021 15:20	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.20.2021 15:20	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.20.2021 15:20	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	114	%	70-130	03.20.2021 15:20		
4-Bromofluorobenzene	460-00-4	114	%	70-130	03.20.2021 15:20		

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation



NT Global

Pinochle BNP Federal Com 2H 2RP-4732

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153887

Matrix: Solid

Prep Method: E300P

Date Prep: 03.16.2021

MB Sample Id: 7723417-1-BLK

LCS Sample Id: 7723417-1-BKS

LCSD Sample Id: 7723417-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	233	93	234	94	90-110	0	20	mg/kg	03.16.2021 11:30	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153885

Matrix: Solid

Prep Method: E300P

Date Prep: 03.16.2021

MB Sample Id: 7723418-1-BLK

LCS Sample Id: 7723418-1-BKS

LCSD Sample Id: 7723418-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	251	100	253	101	90-110	1	20	mg/kg	03.16.2021 13:58	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153890

Matrix: Solid

Prep Method: E300P

Date Prep: 03.16.2021

MB Sample Id: 7723419-1-BLK

LCS Sample Id: 7723419-1-BKS

LCSD Sample Id: 7723419-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	240	96	240	96	90-110	0	20	mg/kg	03.16.2021 17:48	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153892

Matrix: Solid

Prep Method: E300P

Date Prep: 03.16.2021

MB Sample Id: 7723495-1-BLK

LCS Sample Id: 7723495-1-BKS

LCSD Sample Id: 7723495-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	240	96	240	96	90-110	0	20	mg/kg	03.16.2021 20:19	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153933

Matrix: Solid

Prep Method: E300P

Date Prep: 03.17.2021

MB Sample Id: 7723505-1-BLK

LCS Sample Id: 7723505-1-BKS

LCSD Sample Id: 7723505-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	237	95	238	95	90-110	0	20	mg/kg	03.17.2021 09:55	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153887

Matrix: Soil

Prep Method: E300P

Date Prep: 03.16.2021

Parent Sample Id: 691597-002

MS Sample Id: 691597-002 S

MSD Sample Id: 691597-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	113	250	366	101	365	101	90-110	0	20	mg/kg	03.16.2021 11:50	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



NT Global

Pinochle BNP Federal Com 2H 2RP-4732

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153887

Matrix: Soil

Prep Method: E300P

Date Prep: 03.16.2021

Parent Sample Id: 691597-012

MS Sample Id: 691597-012 S

MSD Sample Id: 691597-012 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	101	250	345	98	345	98	90-110	0	20	mg/kg	03.16.2021 13:00	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153885

Matrix: Soil

Prep Method: E300P

Date Prep: 03.16.2021

Parent Sample Id: 691598-003

MS Sample Id: 691598-003 S

MSD Sample Id: 691598-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	128	249	380	101	385	103	90-110	1	20	mg/kg	03.16.2021 14:15	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153885

Matrix: Soil

Prep Method: E300P

Date Prep: 03.16.2021

Parent Sample Id: 691598-013

MS Sample Id: 691598-013 S

MSD Sample Id: 691598-013 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	98.1	248	358	105	360	106	90-110	1	20	mg/kg	03.16.2021 18:46	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153890

Matrix: Soil

Prep Method: E300P

Date Prep: 03.16.2021

Parent Sample Id: 691598-023

MS Sample Id: 691598-023 S

MSD Sample Id: 691598-023 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	173	250	444	108	433	104	90-110	3	20	mg/kg	03.17.2021 08:55	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153890

Matrix: Soil

Prep Method: E300P

Date Prep: 03.16.2021

Parent Sample Id: 691598-033

MS Sample Id: 691598-033 S

MSD Sample Id: 691598-033 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	159	250	370	84	370	84	90-110	0	20	mg/kg	03.16.2021 19:03	X

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153892

Matrix: Soil

Prep Method: E300P

Date Prep: 03.16.2021

Parent Sample Id: 691598-043

MS Sample Id: 691598-043 S

MSD Sample Id: 691598-043 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	113	252	367	101	367	101	90-110	0	20	mg/kg	03.16.2021 20:34	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



NT Global

Pinochle BNP Federal Com 2H 2RP-4732

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153892

Matrix: Soil

Prep Method: E300P

Date Prep: 03.16.2021

Parent Sample Id: 691598-053

MS Sample Id: 691598-053 S

MSD Sample Id: 691598-053 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	111	253	370	102	369	102	90-110	0	20	mg/kg	03.16.2021 21:44	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153933

Matrix: Soil

Prep Method: E300P

Date Prep: 03.17.2021

Parent Sample Id: 691598-068

MS Sample Id: 691598-068 S

MSD Sample Id: 691598-068 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	114	253	368	100	369	101	90-110	0	20	mg/kg	03.17.2021 11:29	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3153933

Matrix: Soil

Prep Method: E300P

Date Prep: 03.17.2021

Parent Sample Id: 691864-001

MS Sample Id: 691864-001 S

MSD Sample Id: 691864-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	11300	2510	14200	116	13900	104	90-110	2	20	mg/kg	03.17.2021 10:12	X

Analytical Method: TPH By SW8015 Mod

Seq Number: 3153792

Matrix: Solid

Prep Method: SW8015P

Date Prep: 03.15.2021

MB Sample Id: 7723403-1-BLK

LCS Sample Id: 7723403-1-BKS

LCSD Sample Id: 7723403-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	1010	101	1110	111	70-130	9	20	mg/kg	03.15.2021 12:02	
Diesel Range Organics (DRO)	<50.0	1000	1140	114	1300	130	70-130	13	20	mg/kg	03.15.2021 12:02	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	109		116		125		70-130	%	03.15.2021 12:02
o-Terphenyl	123		117		128		70-130	%	03.15.2021 12:02

Analytical Method: TPH By SW8015 Mod

Seq Number: 3153794

Matrix: Solid

Prep Method: SW8015P

Date Prep: 03.15.2021

MB Sample Id: 7723405-1-BLK

LCS Sample Id: 7723405-1-BKS

LCSD Sample Id: 7723405-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	943	94	958	96	70-130	2	20	mg/kg	03.15.2021 12:02	
Diesel Range Organics (DRO)	<50.0	1000	983	98	986	99	70-130	0	20	mg/kg	03.15.2021 12:02	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	88		100		100		70-130	%	03.15.2021 12:02
o-Terphenyl	95		97		95		70-130	%	03.15.2021 12:02

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



NT Global

Pinochle BNP Federal Com 2H 2RP-4732

Analytical Method: TPH By SW8015 Mod

Seq Number: 3153940

MB Sample Id: 7723501-1-BLK

Matrix: Solid

LCS Sample Id: 7723501-1-BKS

Prep Method: SW8015P

Date Prep: 03.16.2021

LCSD Sample Id: 7723501-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	978	98	1010	101	70-130	3	20	mg/kg	03.16.2021 11:07	
Diesel Range Organics (DRO)	<50.0	1000	1010	101	1100	110	70-130	9	20	mg/kg	03.16.2021 11:07	
Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits			Units	Analysis Date	
1-Chlorooctane	101		106		111		70-130			%	03.16.2021 11:07	
o-Terphenyl	100		92		99		70-130			%	03.16.2021 11:07	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3154254

MB Sample Id: 7723720-1-BLK

Matrix: Solid

LCS Sample Id: 7723720-1-BKS

Prep Method: SW8015P

Date Prep: 03.18.2021

LCSD Sample Id: 7723720-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	978	98	914	91	70-130	7	20	mg/kg	03.18.2021 16:34	
Diesel Range Organics (DRO)	<50.0	1000	1000	100	936	94	70-130	7	20	mg/kg	03.18.2021 16:34	
Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag		LCSD %Rec	LCSD Flag	Limits		Units	Analysis Date	
1-Chlorooctane	106		129			122		70-130		%	03.18.2021 16:34	
o-Terphenyl	93		98			92		70-130		%	03.18.2021 16:34	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3153792

Matrix: Solid

MB Sample Id: 7723403-1-BLK

Prep Method: SW8015P

Date Prep: 03.15.2021

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	03.15.2021 11:41	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3153794

Matrix: Solid

MB Sample Id: 7723405-1-BLK

Prep Method: SW8015P

Date Prep: 03.15.2021

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	03.15.2021 11:41	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3153940

Matrix: Solid

MB Sample Id: 7723501-1-BLK

Prep Method: SW8015P

Date Prep: 03.16.2021

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	03.16.2021 10:47	

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



NT Global

Pinochle BNP Federal Com 2H 2RP-4732

Analytical Method: TPH By SW8015 Mod

Seq Number: 3154254

Matrix: Solid

Prep Method: SW8015P

Date Prep: 03.18.2021

MB Sample Id: 7723720-1-BLK

Parameter

Motor Oil Range Hydrocarbons (MRO)

**MB
Result**

<50.0

Units

mg/kg

**Analysis
Date**

03.18.2021 16:13

Flag**Analytical Method:** TPH By SW8015 Mod

Seq Number: 3153792

Matrix: Soil

Prep Method: SW8015P

Date Prep: 03.15.2021

Parent Sample Id: 691598-001

MS Sample Id: 691598-001 S

MSD Sample Id: 691598-001 SD

Parameter

Gasoline Range Hydrocarbons (GRO)

**Parent
Result**

<49.9

**Spike
Amount**

997

**MS
Result**

1070

**MS
%Rec**

107

**MSD
Result**

1050

**MSD
%Rec**

105

Limits

70-130

%RPD

2

**RPD
Limit**

20

Units

mg/kg

**Analysis
Date**

03.15.2021 13:05

Flag

Diesel Range Organics (DRO)

<49.9

997

1240

124

1200

120

70-130

3

20

mg/kg

03.15.2021 13:05

Surrogate

1-Chlorooctane

**MS
%Rec**

114

**MS
Flag****MSD
%Rec**

121

**MSD
Flag****Limits**

70-130

Units

%

**Analysis
Date**

03.15.2021 13:05

o-Terphenyl

113

111

70-130

%

03.15.2021 13:05

Analytical Method: TPH By SW8015 Mod

Seq Number: 3153794

Matrix: Soil

Prep Method: SW8015P

Date Prep: 03.15.2021

Parent Sample Id: 691598-021

MS Sample Id: 691598-021 S

MSD Sample Id: 691598-021 SD

Parameter

Gasoline Range Hydrocarbons (GRO)

**Parent
Result**

<49.9

**Spike
Amount**

997

**MS
Result**

919

**MS
%Rec**

92

**MSD
Result**

955

**MSD
%Rec**

96

Limits

70-130

%RPD

4

**RPD
Limit**

20

Units

mg/kg

**Analysis
Date**

03.15.2021 13:05

Flag

Diesel Range Organics (DRO)

<49.9

997

959

96

1000

100

70-130

4

20

mg/kg

03.15.2021 13:05

Surrogate

1-Chlorooctane

**MS
%Rec**

95

**MS
Flag****MSD
%Rec**

99

**MSD
Flag****Limits**

70-130

Units

%

**Analysis
Date**

03.15.2021 13:05

o-Terphenyl

91

95

70-130

%

03.15.2021 13:05

Analytical Method: TPH By SW8015 Mod

Seq Number: 3153940

Matrix: Soil

Prep Method: SW8015P

Date Prep: 03.16.2021

Parent Sample Id: 691598-041

MS Sample Id: 691598-041 S

MSD Sample Id: 691598-041 SD

Parameter

Gasoline Range Hydrocarbons (GRO)

**Parent
Result**

<49.9

**Spike
Amount**

997

**MS
Result**

991

**MS
%Rec**

99

**MSD
Result**

991

**MSD
%Rec**

99

Limits

70-130

%RPD

0

**RPD
Limit**

20

Units

mg/kg

**Analysis
Date**

03.16.2021 12:10

Flag

Diesel Range Organics (DRO)

<49.9

997

1030

103

1050

105

70-130

2

20

mg/kg

03.16.2021 12:10

Surrogate

1-Chlorooctane

**MS
%Rec**

111

**MS
Flag****MSD
%Rec**

120

**MSD
Flag****Limits**

70-130

Units

%

**Analysis
Date**

03.16.2021 12:10

o-Terphenyl

98

98

70-130

%

03.16.2021 12:10

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



NT Global

Pinochle BNP Federal Com 2H 2RP-4732

Analytical Method: TPH By SW8015 Mod

Seq Number: 3154254

Parent Sample Id: 691598-061

Matrix: Soil

MS Sample Id: 691598-061 S

Prep Method: SW8015P

Date Prep: 03.18.2021

MSD Sample Id: 691598-061 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	978	98	945	95	70-130	3	20	mg/kg	03.18.2021 17:36	
Diesel Range Organics (DRO)	<49.9	997	1010	101	985	99	70-130	3	20	mg/kg	03.18.2021 17:36	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	123		119		70-130	%	03.18.2021 17:36
o-Terphenyl	91		90		70-130	%	03.18.2021 17:36

Analytical Method: BTEX by EPA 8021B

Seq Number: 3154183

MB Sample Id: 7723684-1-BLK

Matrix: Solid

LCS Sample Id: 7723684-1-BKS

Prep Method: SW5035A

Date Prep: 03.18.2021

LCSD Sample Id: 7723684-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0944	94	0.0788	79	70-130	18	35	mg/kg	03.19.2021 04:12	
Toluene	<0.00200	0.100	0.0982	98	0.0941	94	70-130	4	35	mg/kg	03.19.2021 04:12	
Ethylbenzene	<0.00200	0.100	0.0999	100	0.0945	95	70-130	6	35	mg/kg	03.19.2021 04:12	
m,p-Xylenes	<0.00400	0.200	0.205	103	0.194	97	70-130	6	35	mg/kg	03.19.2021 04:12	
o-Xylene	<0.00200	0.100	0.0998	100	0.0963	96	70-130	4	35	mg/kg	03.19.2021 04:12	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	89		95		90		70-130	%	03.19.2021 04:12
4-Bromofluorobenzene	121		106		105		70-130	%	03.19.2021 04:12

Analytical Method: BTEX by EPA 8021B

Seq Number: 3154249

MB Sample Id: 7723709-1-BLK

Matrix: Solid

LCS Sample Id: 7723709-1-BKS

Prep Method: SW5035A

Date Prep: 03.18.2021

LCSD Sample Id: 7723709-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.109	109	0.117	117	70-130	7	35	mg/kg	03.19.2021 08:33	
Toluene	<0.00200	0.100	0.102	102	0.108	108	70-130	6	35	mg/kg	03.19.2021 08:33	
Ethylbenzene	<0.00200	0.100	0.102	102	0.109	109	70-130	7	35	mg/kg	03.19.2021 08:33	
m,p-Xylenes	<0.00400	0.200	0.209	105	0.226	113	70-130	8	35	mg/kg	03.19.2021 08:33	
o-Xylene	<0.00200	0.100	0.105	105	0.112	112	70-130	6	35	mg/kg	03.19.2021 08:33	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	102		119		124		70-130	%	03.19.2021 08:33
4-Bromofluorobenzene	72		106		100		70-130	%	03.19.2021 08:33

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



NT Global

Pinochle BNP Federal Com 2H 2RP-4732

Analytical Method: BTEX by EPA 8021B

Seq Number: 3154309

Matrix: Solid

Prep Method: SW5035A

Date Prep: 03.19.2021

MB Sample Id: 7723710-1-BLK

LCS Sample Id: 7723710-1-BKS

LCSD Sample Id: 7723710-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.108	108	0.0760	76	70-130	35	35	mg/kg	03.19.2021 20:50	
Toluene	<0.00200	0.100	0.0901	90	0.0754	75	70-130	18	35	mg/kg	03.19.2021 20:50	
Ethylbenzene	<0.00200	0.100	0.0893	89	0.0743	74	70-130	18	35	mg/kg	03.19.2021 20:50	
m,p-Xylenes	<0.00400	0.200	0.183	92	0.154	77	70-130	17	35	mg/kg	03.19.2021 20:50	
o-Xylene	<0.00200	0.100	0.0911	91	0.0762	76	70-130	18	35	mg/kg	03.19.2021 20:50	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	92		118		121		70-130	%	03.19.2021 20:50
4-Bromofluorobenzene	71		89		108		70-130	%	03.19.2021 20:50

Analytical Method: BTEX by EPA 8021B

Seq Number: 3154310

Matrix: Solid

Prep Method: SW5035A

Date Prep: 03.19.2021

MB Sample Id: 7723711-1-BLK

LCS Sample Id: 7723711-1-BKS

LCSD Sample Id: 7723711-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.117	117	0.117	117	70-130	0	35	mg/kg	03.20.2021 11:07	
Toluene	<0.00200	0.100	0.111	111	0.111	111	70-130	0	35	mg/kg	03.20.2021 11:07	
Ethylbenzene	<0.00200	0.100	0.108	108	0.109	109	70-130	1	35	mg/kg	03.20.2021 11:07	
m,p-Xylenes	<0.00400	0.200	0.221	111	0.223	112	70-130	1	35	mg/kg	03.20.2021 11:07	
o-Xylene	<0.00200	0.100	0.108	108	0.112	112	70-130	4	35	mg/kg	03.20.2021 11:07	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	95		122		119		70-130	%	03.20.2021 11:07
4-Bromofluorobenzene	72		96		97		70-130	%	03.20.2021 11:07

Analytical Method: BTEX by EPA 8021B

Seq Number: 3154332

Matrix: Solid

Prep Method: SW5035A

Date Prep: 03.19.2021

MB Sample Id: 7723714-1-BLK

LCS Sample Id: 7723714-1-BKS

LCSD Sample Id: 7723714-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0950	95	0.0965	97	70-130	2	35	mg/kg	03.20.2021 02:38	
Toluene	<0.00200	0.100	0.0979	98	0.106	106	70-130	8	35	mg/kg	03.20.2021 02:38	
Ethylbenzene	<0.00200	0.100	0.100	100	0.105	105	70-130	5	35	mg/kg	03.20.2021 02:38	
m,p-Xylenes	<0.00400	0.200	0.197	99	0.213	107	70-130	8	35	mg/kg	03.20.2021 02:38	
o-Xylene	<0.00200	0.100	0.0983	98	0.106	106	70-130	8	35	mg/kg	03.20.2021 02:38	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	83		98		96		70-130	%	03.20.2021 02:38
4-Bromofluorobenzene	114		108		108		70-130	%	03.20.2021 02:38

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



NT Global

Pinochle BNP Federal Com 2H 2RP-4732

Analytical Method: BTEX by EPA 8021B

Seq Number: 3154183

Parent Sample Id: 691598-011

Matrix: Soil

MS Sample Id: 691598-011 S

Prep Method: SW5035A

Date Prep: 03.18.2021

MSD Sample Id: 691598-011 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0994	0.0605	61	0.0672	68	70-130	10	35	mg/kg	03.19.2021 04:53	X
Toluene	<0.00199	0.0994	0.0698	70	0.0789	80	70-130	12	35	mg/kg	03.19.2021 04:53	
Ethylbenzene	<0.00199	0.0994	0.0721	73	0.0837	84	70-130	15	35	mg/kg	03.19.2021 04:53	
m,p-Xylenes	<0.00398	0.199	0.146	73	0.164	83	70-130	12	35	mg/kg	03.19.2021 04:53	
o-Xylene	<0.00199	0.0994	0.0735	74	0.0827	83	70-130	12	35	mg/kg	03.19.2021 04:53	

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	98		103		70-130	%	03.19.2021 04:53
4-Bromofluorobenzene	106		111		70-130	%	03.19.2021 04:53

Analytical Method: BTEX by EPA 8021B

Seq Number: 3154249

Parent Sample Id: 691597-010

Matrix: Soil

MS Sample Id: 691597-010 S

Prep Method: SW5035A

Date Prep: 03.18.2021

MSD Sample Id: 691597-010 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.0750	75	0.0714	72	70-130	5	35	mg/kg	03.19.2021 09:23	
Toluene	<0.00200	0.0998	0.0763	76	0.0728	73	70-130	5	35	mg/kg	03.19.2021 09:23	
Ethylbenzene	<0.00200	0.0998	0.0787	79	0.0752	76	70-130	5	35	mg/kg	03.19.2021 09:23	
m,p-Xylenes	<0.00399	0.200	0.159	80	0.152	76	70-130	5	35	mg/kg	03.19.2021 09:23	
o-Xylene	<0.00200	0.0998	0.0799	80	0.0768	77	70-130	4	35	mg/kg	03.19.2021 09:23	

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	118		123		70-130	%	03.19.2021 09:23
4-Bromofluorobenzene	102		101		70-130	%	03.19.2021 09:23

Analytical Method: BTEX by EPA 8021B

Seq Number: 3154309

Parent Sample Id: 691598-031

Matrix: Soil

MS Sample Id: 691598-031 S

Prep Method: SW5035A

Date Prep: 03.19.2021

MSD Sample Id: 691598-031 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.0975	98	0.0909	91	70-130	7	35	mg/kg	03.19.2021 21:42	
Toluene	<0.00200	0.0998	0.0940	94	0.0897	90	70-130	5	35	mg/kg	03.19.2021 21:42	
Ethylbenzene	<0.00200	0.0998	0.0934	94	0.0882	88	70-130	6	35	mg/kg	03.19.2021 21:42	
m,p-Xylenes	<0.00399	0.200	0.192	96	0.182	91	70-130	5	35	mg/kg	03.19.2021 21:42	
o-Xylene	<0.00200	0.0998	0.0944	95	0.0909	91	70-130	4	35	mg/kg	03.19.2021 21:42	

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	118		119		70-130	%	03.19.2021 21:42
4-Bromofluorobenzene	116		115		70-130	%	03.19.2021 21:42

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C-A) / B$
 $RPD = 200 * |(C-E) / (C+E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec



NT Global

Pinochle BNP Federal Com 2H 2RP-4732

Analytical Method: BTEX by EPA 8021B

Seq Number: 3154310

Parent Sample Id: 691598-068

Matrix: Soil

MS Sample Id: 691598-068 S

Prep Method: SW5035A

Date Prep: 03.19.2021

MSD Sample Id: 691598-068 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00198	0.0990	0.0599	61	0.0150	15	70-130	120	35	mg/kg	03.20.2021 11:58	XF
Toluene	<0.00198	0.0990	0.0613	62	0.0180	18	70-130	109	35	mg/kg	03.20.2021 11:58	XF
Ethylbenzene	<0.00198	0.0990	0.0614	62	0.0176	18	70-130	111	35	mg/kg	03.20.2021 11:58	XF
m,p-Xylenes	<0.00396	0.198	0.127	64	0.0348	17	70-130	114	35	mg/kg	03.20.2021 11:58	XF
o-Xylene	<0.00198	0.0990	0.0660	67	0.0212	21	70-130	103	35	mg/kg	03.20.2021 11:58	XF

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	121		90		70-130	%	03.20.2021 11:58
4-Bromofluorobenzene	110		83		70-130	%	03.20.2021 11:58

Analytical Method: BTEX by EPA 8021B

Seq Number: 3154332

Parent Sample Id: 691598-048

Matrix: Soil

MS Sample Id: 691598-048 S

Prep Method: SW5035A

Date Prep: 03.19.2021

MSD Sample Id: 691598-048 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0629	63	0.0588	59	70-130	7	35	mg/kg	03.20.2021 03:19	X
Toluene	<0.00200	0.100	0.0671	67	0.0679	68	70-130	1	35	mg/kg	03.20.2021 03:19	X
Ethylbenzene	<0.00200	0.100	0.0672	67	0.0688	69	70-130	2	35	mg/kg	03.20.2021 03:19	X
m,p-Xylenes	<0.00400	0.200	0.135	68	0.140	70	70-130	4	35	mg/kg	03.20.2021 03:19	X
o-Xylene	<0.00200	0.100	0.0662	66	0.0691	69	70-130	4	35	mg/kg	03.20.2021 03:19	X

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	100		98		70-130	%	03.20.2021 03:19
4-Bromofluorobenzene	112		113		70-130	%	03.20.2021 03:19

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
 A = Parent Result
 C = MS/LCS Result
 E = MSD/LCSD Result

MS = Matrix Spike
 B = Spike Added
 D = MSD/LCSD % Rec

Chain of Custody

Work Order No: 691598Page 1 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-0263	Email:	James.Kennedy@eogresources

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

Project Name:		Pinochle BNP Federal Com 2H 2RP-4732		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		213915		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy County, NM		Due Date:		72HR														Cool: Cool MeOH: Me							
Sampler's Name:		CM		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Parameters		BTEX 8021B		TPH 8015M (GRO + DRO + MRO)		Chlordie 300.0		HOLD		H ₃ PO ₄ : HP							
Received Intact:		Yes No		Thermometer ID:				NaHSO ₄ : NABIS																			
Cooler Custody Seals:		Yes No N/A		Correction Factor:				Na ₂ S ₂ O ₃ : NaSO ₃																			
Sample Custody Seals:		Yes No N/A		Temperature Reading:		2.4°C		Zn Acetate+NaOH: Zn																			
Total Containers:				Corrected Temperature:				NaOH+Ascorbic Acid: SAPC																			
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-1 (3')		3/11/2021		-		X				C		1		X X X													
CS-2 (3')		3/11/2021		-		X				C		1		X X X													
CS-3 (3')		3/11/2021		-		X				C		1		X X X													
CS-4 (3')		3/11/2021		-		X				C		1		X X X													
CS-5 (3')		3/11/2021		-		X				C		1		X X X													
CS-6 (3')		3/11/2021		-		X				C		1		X X X													
CS-7 (3')		3/11/2021		-		X				C		1		X X X													
CS-8 (3')		3/11/2021		-		X				C		1		X X X													
CS-9 (3')		3/11/2021		-		X				C		1		X X X													
CS-10 (3')		3/11/2021		-		X				C		1		X X X													

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Chapman</i>	<i>Bill Kennedy</i>	3/12/21 1200	2		
3			4		
5			6		



Chain of Custody

Work Order No: 691598

Page 2 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-0263	Email:	James.Kennedy@eogresources

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

Project Name:		Pinochle BNP Federal Com 2H 2RP-4732		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		213915		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy County, NM		Due Date:		72HR														Cool: Cool MeOH: Me							
Sampler's Name:		CM		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO ₃ : HN									
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na									
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:																NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		2.4°C														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-11 (3')		3/11/2021		-		X				C		1		X X X													
CS-12 (3')		3/11/2021		-		X				C		1		X X X													
CS-13 (3')		3/11/2021		-		X				C		1		X X X													
CS-14 (3')		3/11/2021		-		X				C		1		X X X													
CS-15 (3')		3/11/2021		-		X				C		1		X X X													
CS-16 (3')		3/11/2021		-		X				C		1		X X X													
CS-17 (3')		3/11/2021		-		X				C		1		X X X													
CS-18 (3')		3/11/2021		-		X				C		1		X X X													
CS-19 (3')		3/11/2021		-		X				C		1		X X X													
CS-20 (6')		3/11/2021		-		X				C		1		X X X													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. <i>[Signature]</i>	<i>[Signature]</i>	3/12/21 1200	2.		
3.			4.		
5.			6.		



Chain of Custody

Work Order No: 61518

Page 3 of 8

Project Manager: Mike Carmona		Bill to: (if different)	James Kennedy
Company Name: NTG Environmental		Company Name:	EOG Resources
Address: 701 Tradewinds BLVD		Address:	5509 Champions Dr
City, State ZIP: Midland, TX 79706		City, State ZIP:	Midland, Tx 79706
Phone: 432-813-0263	Email: James.Kennedy@eogresources.com		

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

[illegible]

Additoinal Comments:

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time
1				3/12/21 1200	2				
3					4				
5					6				



Chain of Custody

Work Order No:

691598

Page 4 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-0263	Email:	James.Kennedy@eogresources

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

Project Name:		Pinochle BNP Federal Com 2H 2RP-4732		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		213915		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy County, NM		Due Date:		72HR														Cool: Cool MeOH: Me							
Sampler's Name:		CM		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO ₃ : HN									
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na									
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No		N/A		Thermometer ID:																NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No		N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No		N/A		Temperature Reading:		2.4°C														Zn Acetate+NaOH: Zn					
Total Containers:						Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-31 (3')		3/11/2021		-		X				C		1		X X X													
CS-32 (3')		3/11/2021		-		X				C		1		X X X													
CS-33 (3')		3/11/2021		-		X				C		1		X X X													
CS-34 (3')		3/11/2021		-		X				C		1		X X X													
CS-35 (3')		3/11/2021		-		X				C		1		X X X													
CS-36 (3')		3/11/2021		-		X				C		1		X X X													
CS-37 (3')		3/11/2021		-		X				C		1		X X X													
CS-38 (3')		3/11/2021		-		X				C		1		X X X													
CS-39 (3')		3/11/2021		-		X				C		1		X X X													
CS-40 (3')		3/11/2021		-		X				C		1		X X X													

Additoinal Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Carmona</i>	<i>Bill Kennedy</i>	3/12/21 1200	2		
3			4		
5			6		



Chain of Custody

Work Order No: 691598Page 5 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-0263	Email:	James_Kennedy@eogresources

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

Project Name:		Pinochle BNP Federal Com 2H 2RP-4732		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		213915		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Eddy County, NM		Due Date:		72HR														Cool: Cool MeOH: Me							
Sampler's Name:		CM		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Parameters		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chlordie 300.0												HOLD		H ₃ PO ₄ : HP	
Received Intact:		Yes No		Thermometer ID:				NaHSO ₄ : NABIS																			
Cooler Custody Seals:		Yes No N/A		Correction Factor:				Na ₂ S ₂ O ₃ : NaSO ₃																			
Sample Custody Seals:		Yes No N/A		Temperature Reading:		2.4°C		Zn Acetate+NaOH: Zn																			
Total Containers:				Corrected Temperature:				NaOH+Ascorbic Acid: SAPC																			
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-41 (3')		3/11/2021		-		X				C		1		X X X													
CS-42 (3')		3/11/2021		-		X				C		1		X X X													
CS-43 (3')		3/11/2021		-		X				C		1		X X X													
CS-44 (3')		3/11/2021		-		X				C		1		X X X													
CS-45 (3')		3/11/2021		-		X				C		1		X X X													
CS-46 (3')		3/11/2021		-		X				C		1		X X X													
CS-47 (3')		3/11/2021		-		X				C		1		X X X													
CS-48 (3')		3/11/2021		-		X				C		1		X X X													
CS-49 (3')		3/11/2021		-		X				C		1		X X X													
CS-50 (3')		3/11/2021		-		X				C		1		X X X													

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Clayton</i>	<i>Bill Kennedy</i>	3/12/21 1200	2		
3			4		
5			6		



Chain of Custody

Work Order No: 691598Page 6 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-0263	Email:	James.Kennedy@eogresources

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

Project Name:		Pinochle BNP Federal Com 2H 2RP-4732		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		213915		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location:		Eddy County, NM		Due Date:		72HR														Cool: Cool MeOH: Me							
Sampler's Name:		CM		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Parameters		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chlordie 300.0												HOLD		H ₃ PO ₄ : HP	
Received Intact:		Yes No		Thermometer ID:				NaHSO ₄ : NABIS																			
Cooler Custody Seals:		Yes No N/A		Correction Factor:				Na ₂ S ₂ O ₃ : NaSO ₃																			
Sample Custody Seals:		Yes No N/A		Temperature Reading:		2.4°C		Zn Acetate+NaOH: Zn																			
Total Containers:				Corrected Temperature:				NaOH+Ascorbic Acid: SAPC																			
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-51 (3')		3/11/2021		-		X				C		1		X X X													
CS-52 (3')		3/11/2021		-		X				C		1		X X X													
CS-53 (3')		3/11/2021		-		X				C		1		X X X													
CS-54 (6")		3/11/2021		-		X				C		1		X X X													
CS-55 (6")		3/11/2021		-		X				C		1		X X X													
CS-56 (6")		3/11/2021		-		X				C		1		X X X													
CS-57 (6")		3/11/2021		-		X				C		1		X X X													
CS-58 (6")		3/11/2021		-		X				C		1		X X X													
CS-59 (6")		3/11/2021		-		X				C		1		X X X													
CS-60 (6")		3/11/2021		-		X				C		1		X X X													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Chambers</i>	<i>Bill Roberts</i>	3/12/21 1200	2		
3			4		
5			6		



Chain of Custody

Work Order No: 691598Page 7 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-0263	Email:	James_Kennedy@eogresources

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

Project Name:		Pinochle BNP Federal Com 2H 2RP-4732		Turn Around				ANALYSIS REQUEST												Preservative Codes				
Project Number:		213915		☐ Routine ☒ Rush		Pres. Code														None: NO DI Water: H ₂ O				
Project Location		Eddy County, NM		Due Date:		72HR														Cool: Cool MeOH: Me				
Sampler's Name:		CM		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN				
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na				
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Parameters		BTEX 8021B		TPH 8015M (GRO + DRO + MRO)		Chlordie 300.0		HOLD		H ₃ PO ₄ : HP				
Received Intact:		Yes No		Thermometer ID:				NaHSO ₄ : NABIS																
Cooler Custody Seals:		Yes No N/A		Correction Factor:				Na ₂ S ₂ O ₃ : NaSO ₃																
Sample Custody Seals:		Yes No N/A		Temperature Reading:		2.4°C		Zn Acetate+NaOH: Zn																
Total Containers:				Corrected Temperature:				NaOH+Ascorbic Acid: SAPC																
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
CS-61 (6")		3/11/2021	-	X		C	1	X	X	X														
CS-62 (6")		3/11/2021	-	X		C	1	X	X	X														
CS-63 (6")		3/11/2021	-	X		C	1	X	X	X														
CS-64 (6")		3/11/2021	-	X		C	1	X	X	X														
CS-65 (6")		3/11/2021	-	X		C	1	X	X	X														
CS-66 (6")		3/11/2021	-	X		C	1	X	X	X														
CS-67 (6")		3/11/2021	-	X		C	1	X	X	X														
CS-68 (6")		3/11/2021	-	X		C	1	X	X	X														
CS-69 (6")		3/11/2021	-	X		C	1	X	X	X														
CS-70 (6")		3/11/2021	-	X		C	1	X	X	X														

Additoinal Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	3/12/21 1200	2		
3			4		
5			6		



Chain of Custody

Work Order No:

691598

Page 8 of 8

Project Manager:	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name:	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-0263	Email:	James.Kennedy@eogresources

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

[illegible]**Additoinal Comments:**

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1				3/12/21 1200	2		
3					4		
5					6		

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

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

CONDITIONS

Action 62766

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 62766
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	9/19/2022