



Site Information

Closure Report

Belco AIA Federal #1

Unit J Sec 14 T20S R32E

1RP-3711/1RP-3903

32.571185°, -103.734617°

1RP-3711

Produced Water and Crude Oil Release

Source: Failure of discharge line from the transfer pump

Release Date: 6/19/2015

Volume Released: 148 bbls/PW & 2 bbls/O

Volume Recovered: 130 bbls/PW & 0 bbls/O

1RP-3903

Produced Water Release

Source: Failure of discharge line from the transfer pump

Release Date: 7/26/2015

Volume Released: 300 bbls/PW

Volume Recovered: 270 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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701 Tradewinds Boulevard, Suite C
Midland, Texas 79706
Tel. 432.685.3898
www.ntglobal.com

April 5, 2021

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

Re: Closure Report
Belco AIA Federal 1 1RP-3711/1RP-3903
EOG Resources Inc.
Site Location: Unit J, S14, T20S, R32E
(Lat 32.51185°, Long -103.734615°)
Lea 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 Belco AIA Federal 1. The Site is located at 32.571284°, -103.734615° within Unit J, S14, T20S, R32E, and approximately 36.0 miles southwest of Hobbs, New Mexico, in Lea County (Figures 1 and 2).

Background

1RP-3711

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on June 19, 2015. It resulted in the release of approximately 148 barrels of produced water and 2 barrels of oil due to the failure of the discharge line from the transfer pump. 130 barrels of produced water and 0 barrels of oil were recovered. The impacted area was between the pumping unit and the facility on the well pad. The impacted area of S-5 is shown on Figure 3. The initial C-141 form is attached in Appendix A.

1RP-3903

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on July 7, 2015. It resulted in the release of approximately 300 barrels of produced water due to the failure of the discharge line from the transfer pump. 270 barrels of produced water were recovered. The impacted area was north of the facility on the well pad. The impacted area of S-4 as shown on Figure 3. The initial C-141 form is attached in Appendix A.

Site Characterization

The Site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within ½ miles radius of the location. Area surface geology is Cenozoic Quaternary. Previous core data indicates that no groundwater was discovered above 76 feet. Watercourses in the area are dry except for frequent flows in response to major precipitation events.

A copy of the associated *Point of Diversion Summary* report is attached in Appendix B. A work plan was approved on February 8, 2016, with a groundwater depth of greater than 76' bgs.

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: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,500 mg/kg (GRO + DRO).
- Chloride 10,000 mg/kg

Remediation Activities and Confirmation Sampling

To remove the chloride impacted soils above the reclamation standard and RRAL, New Tech Global Environmental personnel were onsite from February 3, 2021, through February 22, 2021, to supervise the remediation activities and collect confirmation samples. The area of sample-4 (S-4) and sample-5 (S-5) was excavated to a depth of 4.0-4.5 below the surface.

A total of twelve (12) confirmation samples were collected (Confirmation Sample-1 through Confirmation Sample-12), and ten (10) sidewall samples (Sidewall-1 through Sidewall-10) 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 2. The excavation depths and confirmation sample locations are shown on Figure 4.

All the final confirmation samples were below regulatory limits. Refer to Table 2. Approximately 640 cubic yards of material were excavated and transported offsite for proper disposal. The area was then backfilled with clean material to surface grade.

Conclusions

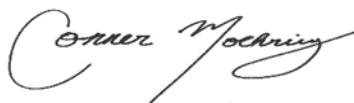
Based on the finding of the assessment and the analytical results, no further actions are required at the Site. The final C-141 is attached, and EOG formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-0263.

Sincerely,

NTG Environmental



Mike Carmona
Senior Project Manager

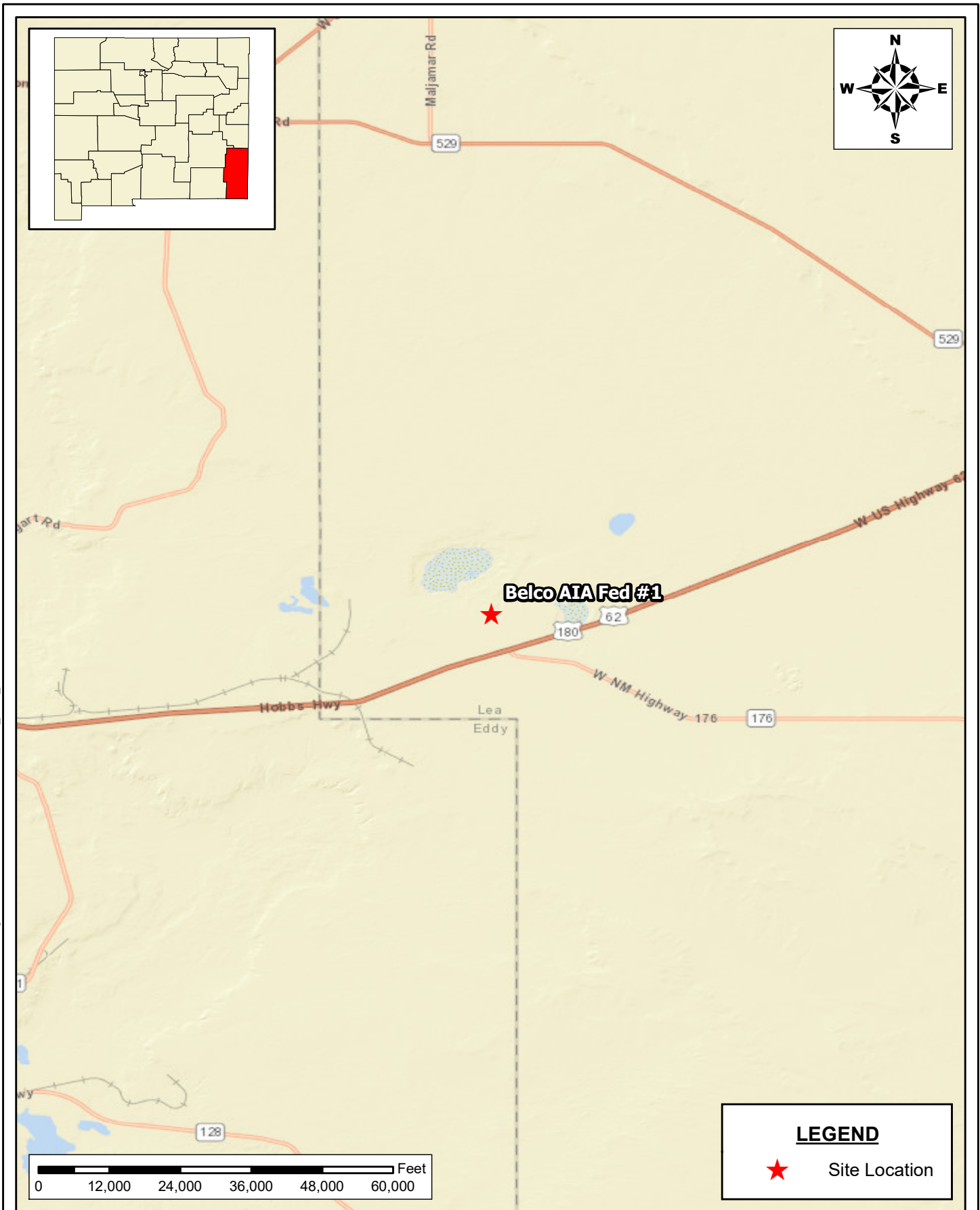


Conner Moehring
Project Manager



Figures

Document Path: P:\2021 PROJECTS\EOG213859 - Belco AIA Fed #1 1RP-37117 - Figures\GIS\Geodatabase\Belco AIA Fed #1_SITE_03012021.mxd



SITE LOCATION MAP
EOG RESOURCES
BELCO AIA FED #1
LEA COUNTY, NM
32.571185, -103.734617

SCALE: AS SHOWN

DATE: 03/04/2021

PROJECT: Belco 3711/3903



New Tech Global Environmental, LLC
701 Tradewind Blvd Suite C
Midland, Texas 79707
T - (432) 685-3898
Web: www.ntglobal.com

NOTES:

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

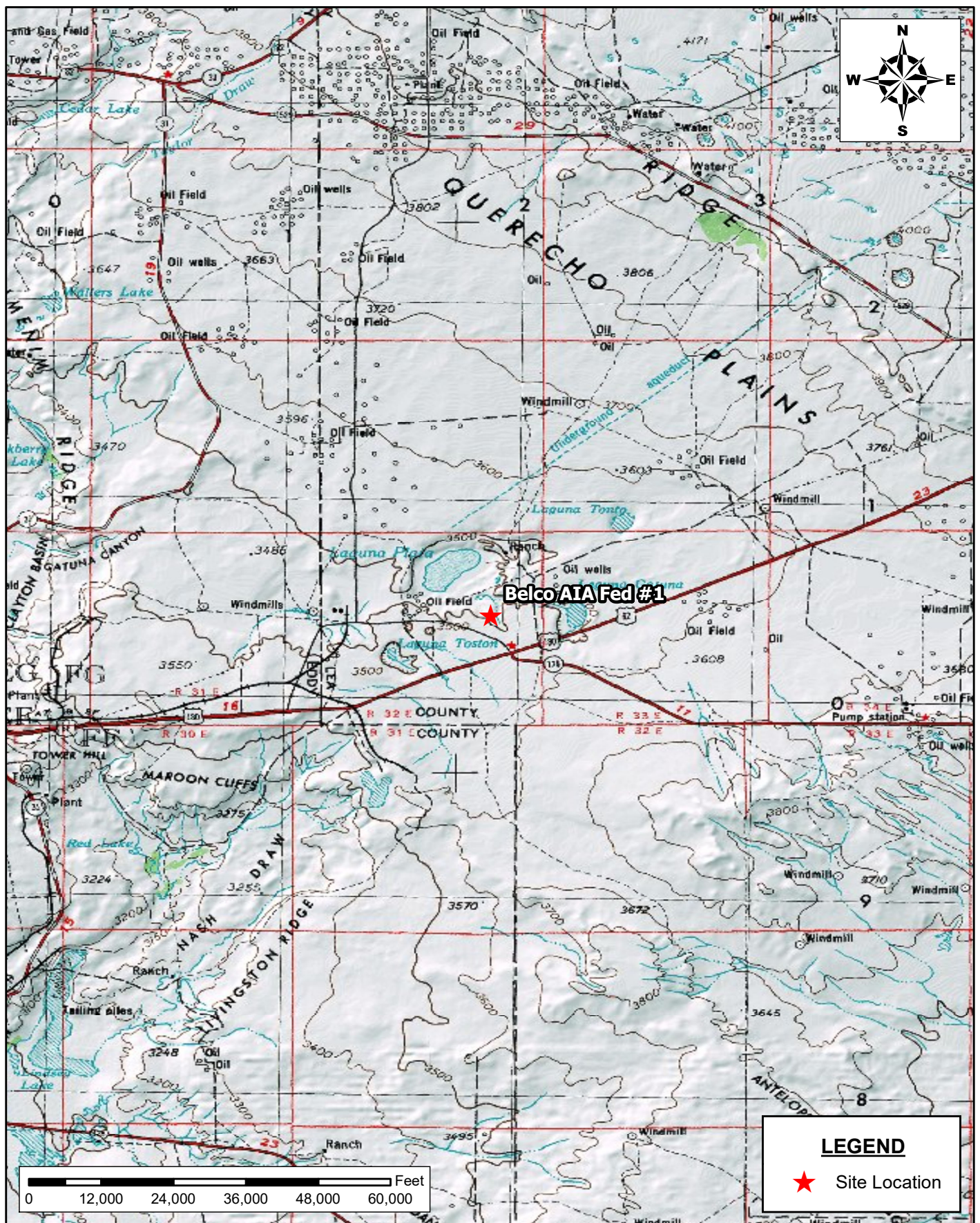
DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1

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**AREA MAP**

EOG RESOURCES
BELCO AIA FED #1
LEA COUNTY, NM
32.571185, -103.734617

SCALE: AS SHOWN

DATE: 03/04/2021

PROJECT: Belco 3711/3903



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NOTES:

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2. Map Projection: NAD 1983

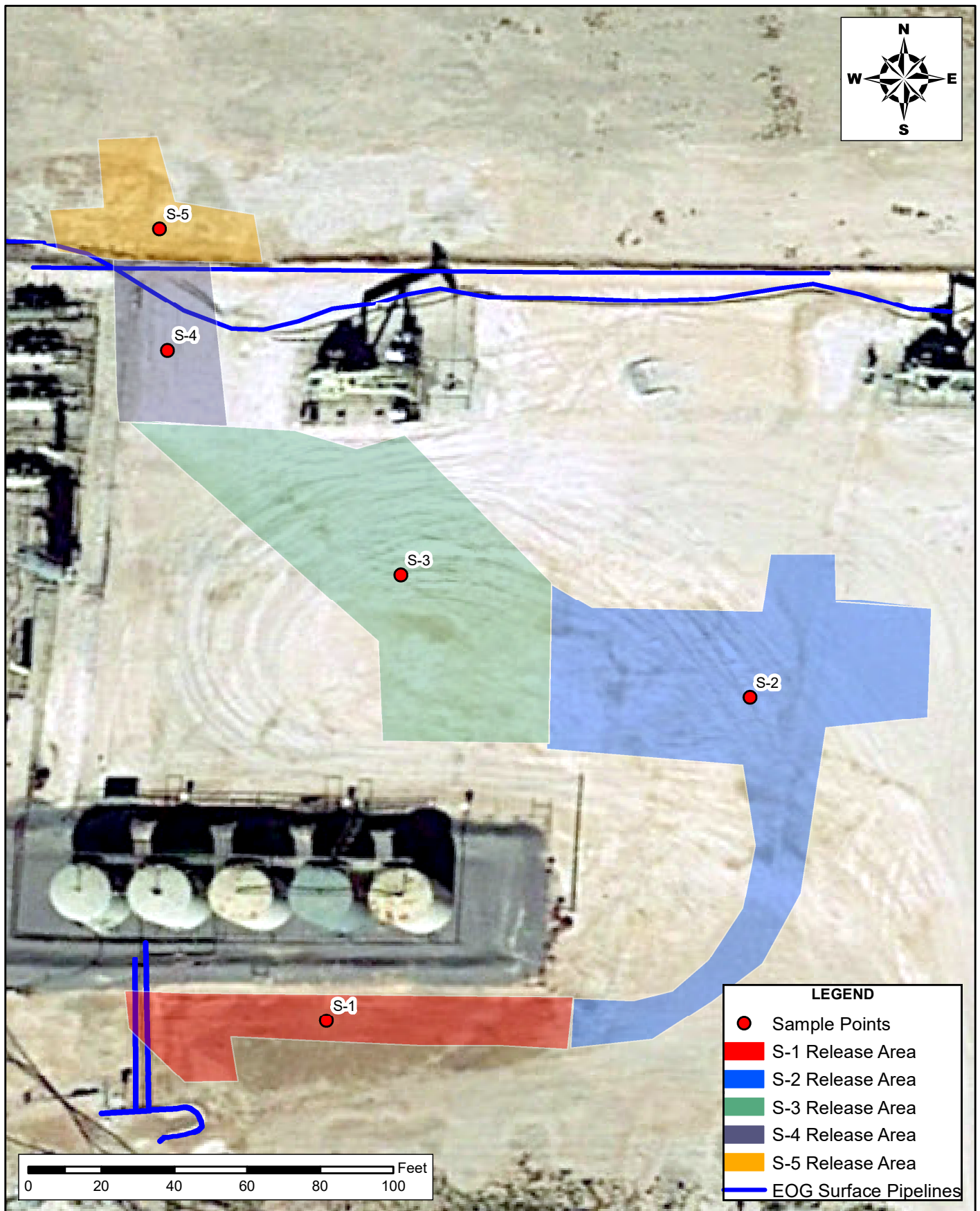
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FIGURE 2

SHEET NUMBER:

1 of 1

Document Path: P:\2021 PROJECTS\EOG213859 - Belco AIA Fed #1 1RP-3711\7 - Figures\GIS\Geodatabase\Belco AIA Fed #1_Samples_Figure 3_03092021.mxd



SAMPLE LOCATION MAP
 EOG RESOURCES
 BELCO AIA FED #1 1RP- 3711/1RP-3903
 LEA COUNTY, NM
 32.571185, -103.734617

SCALE: AS SHOWN

DATE: 03/15/2021

PROJECT: 213863



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NOTES:

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

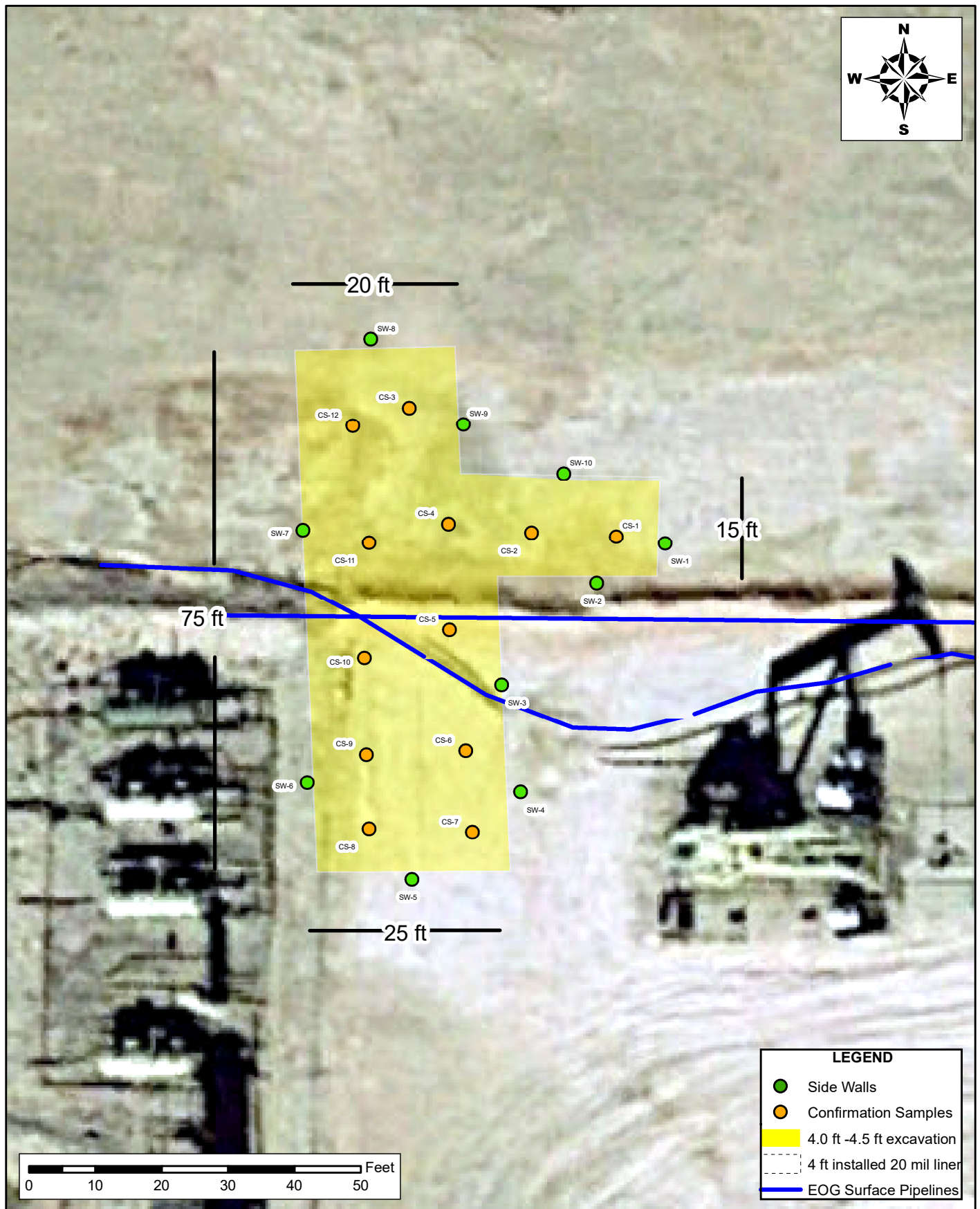
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FIGURE 3

SHEET NUMBER:

1 of 1

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SAMPLE LOCATION MAP
 EOG RESOURCES
 BELCO AIA FED #1 1RP- 3711/1RP-3903
 LEA COUNTY, NM
 32.571185, -103.734617

SCALE: AS SHOWN

DATE: 03/09/2021

PROJECT: Belco 3711/3903



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 Midland, Texas 79707
 T - (432) 685-3898
 Web: www.ntglobal.com

NOTES:

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1



Tables

Table 1
EOG Resources
Belco AIA Federal #001 1RP-3711/3903
Lea County, New Mexico

Sample ID	Date	Sample 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						
S1	11/5/2015	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000
	"	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	310
S2	11/5/2015	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	520
	"	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	560
	"	3	-	-	-	-	-	-	-	-	-	400
	"	4	-	-	-	-	-	-	-	-	-	208
	"	5	-	-	-	-	-	-	-	-	-	272
	"	6	-	-	-	-	-	-	-	-	-	480
	"	7	-	-	-	-	-	-	-	-	-	400
S3	11/5/2015	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	48
	"	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,900
	"	3	-	-	-	-	-	-	-	-	-	704
	"	4	-	-	-	-	-	-	-	-	-	464
	"	5	-	-	-	-	-	-	-	-	-	560
	"	6	-	-	-	-	-	-	-	-	-	496
	"	7	-	-	-	-	-	-	-	-	-	672
S4	11/5/2015	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,200
	"	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,400
	"	3	-	-	-	-	-	-	-	-	-	3,560
	"	4	-	-	-	-	-	-	-	-	-	3,840
	"	5	-	-	-	-	-	-	-	-	-	2,880
	"	6	-	-	-	-	-	-	-	-	-	2,520
	"	7	-	-	-	-	-	-	-	-	-	2,200
	12/18/2015	10	-	-	-	-	-	-	-	-	-	780
	"	15	-	-	-	-	-	-	-	-	-	710

Table 1
EOG Resources
Belco AIA Federal #001 1RP-3711/3903
Lea County, New Mexico

Sample ID	Date	Sample 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						
S5	11/5/2015	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	170
	"	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	880
	"	3	-	-	-	-	-	-	-	-	-	4,480
	"	4	-	-	-	-	-	-	-	-	-	10,700
	"	5	-	-	-	-	-	-	-	-	-	2,880
	"	6	-	-	-	-	-	-	-	-	-	1,840
	"	7	-	-	-	-	-	-	-	-	-	3,200
	12/18/2015	10	-	-	-	-	-	-	-	-	-	8,400
	"	15	-	-	-	-	-	-	-	-	-	8,000
	"	20	-	-	-	-	-	-	-	-	-	7,000
	"	25	-	-	-	-	-	-	-	-	-	4,500
	"	30	-	-	-	-	-	-	-	-	-	2,000
	"	35	-	-	-	-	-	-	-	-	-	6,300
	"	40	-	-	-	-	-	-	-	-	-	2,900
	"	45	-	-	-	-	-	-	-	-	-	290

(-) Not Analyzed

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

ND - Not Detected

Table 2
EOG Resources
Belco AIA Federal #001 1RP-3711/3903
Lea 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	2/22/2021	4-4.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	758
CS-2	2/22/2021	4-4.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	809
CS-3	2/22/2021	4-4.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	784
CS-4	2/22/2021	4-4.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	563
CS-5	2/22/2021	4-4.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	626
CS-6	2/22/2021	4-4.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	624
CS-7	2/22/2021	4-4.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	1,710
CS-8	2/22/2021	4-4.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	1,670
CS-9	2/22/2021	4-4.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	2,120
CS-10	2/22/2021	4-4.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	197
CS-11	2/22/2021	4-4.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	4,270
CS-12	2/22/2021	4-4.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	4,170

Table 2
EOG Resources
Belco AIA Federal #001 1RP-3711/3903
Lea 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	2/22/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	209
SW-2	2/22/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	230
SW-3	2/22/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	258
SW-4	2/22/2021	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	236
SW-5	2/22/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	243
SW-6	2/22/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	227
SW-7	2/22/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	247
SW-8	2/22/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	180
SW-9	2/22/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	198
SW-10	2/22/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	187

(-) Not Analyzed

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet



Photo Log

PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: Belco AIA Federal Battery #1
1RP-3711/1RP-3903

County: Lea County, New Mexico

Description:

View West of Confirmation sample (1-2)



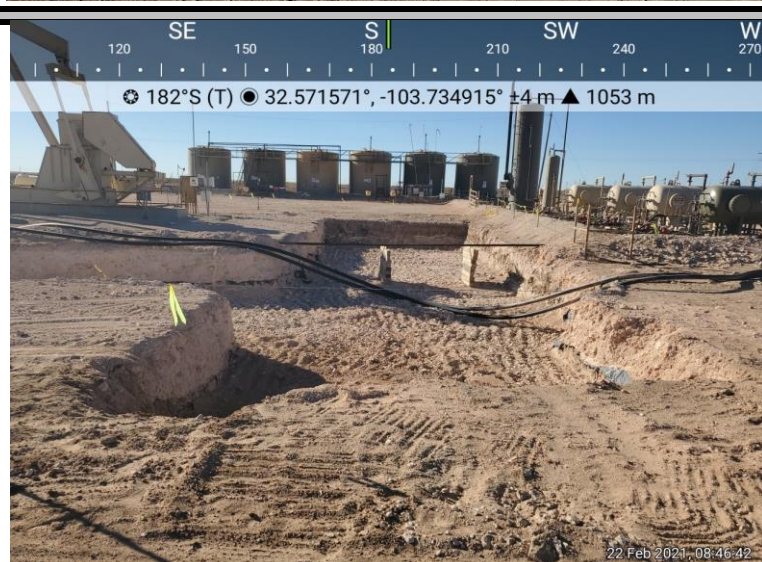
Photograph No. 2

Facility: Belco AIA Federal Battery #1
1RP-3711/1RP-3903

County: Lea County, New Mexico

Description:

View South of Confirmation Sample (3-12)



Photograph No. 3

Facility: Belco AIA Federal Battery #1
1RP-3711/1RP-3903

County: Eddy County, New Mexico

Description:

View North, of liner instillation



PHOTOGRAPHIC LOG

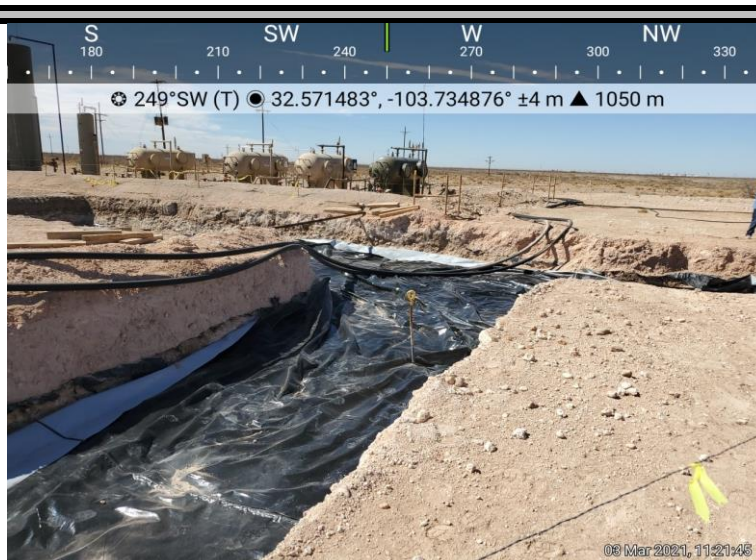
EOG Resources

Photograph No. 4

Facility: Belco AIA Federal Battery #1
1RP-3711/1RP-3903

County: Lea County, New Mexico

Description:
View West of liner instillation



Photograph No. 5

Facility: Belco AIA Federal Battery #1
1RP-3711/1RP-3903

County: Lea County, New Mexico

Description:
View of excavation are backfilled to surface grade.



Photograph No. 6

Facility: Belco AIA Federal Battery #1
1RP-3711/1RP-3903

County: Eddy County, New Mexico

Description:
View of excavation are backfilled to surface grade.





Appendix A

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

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Yates Petroleum Corporation	Contact Chase Settle
Address 104 S. 4 th Street, Artesia, NM 88210	Telephone No. 575-748-4171
Facility Name Belco AIA Federal Battery	Facility Type Battery

Surface Owner Federal	Mineral Owner Federal	API No. 30-025-26826
--------------------------	--------------------------	-------------------------

LOCATION OF RELEASE

Unit Letter J	Section 14	Township 20S	Range 32E	Feet from the 1980'	North/South Line South	Feet from the 1980'	East/West Line East	County Lea
------------------	---------------	-----------------	--------------	------------------------	---------------------------	------------------------	------------------------	---------------

Latitude 32.57120 Longitude -103.73433

NATURE OF RELEASE

Type of Release Produced Water and Crude Oil	Volume of Release 2 B/O & 148 B/PW	Volume Recovered 0 B/O & 130 B/PW
Source of Release Failure of the discharge line from the transfer pump.	Date and Hour of Occurrence 06/19/2015; 7:00 AM	Date and Hour of Discovery 06/19/2015; 7:00 AM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Kellie Jones, Jim Amos	
By Whom? Robert Asher/ Yates Petroleum Corporation	Date and Hour 06/19/2015; 11:00 AM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		

RECEIVED

By OCD District 1 at 10:06 am, Jul 01, 2015

Describe Cause of Problem and Remedial Action Taken.*

A failure occurred with the discharge line from the transfer pump causing a release of produced water and crude oil. Wells were shut in, transfer pump was turned off, and vacuum truck was dispatched to remove standing fluid.

Describe Area Affected and Cleanup Action Taken.* An approximate area of 170' X 16' was affected south of the batteries off the location, and an area approximately 318' X 60' east and north of the battery was affected on the production pad. Excavated soil will be hauled to a NMOCD approved facility. Vertical and horizontal delineation samples will be taken and analysis ran for TPH & BTEX (chlorides for documentation). If initial analytical results for TPH & BTEX are under RRAL's (site ranking 10) a Final Report, C-141 will be submitted to the OCD requesting closure. If analytical results are above the RRAL's a work plan will be submitted to NMOCD. **Depth to Ground Water: 50-99' (>76', Section 14, T20S-R32E, no groundwater present above 76' per previous core data 09/17/2007), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 10.**

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: Chase Settle	Approved by Environmental Specialist: 	
Title: NM Environmental Regulatory Agent	Approval Date: 07/01/2015	Expiration Date: 10/01/2015
E-mail Address: csettle@yatespetroleum.com	Conditions of Approval: Site samples required. Delineate and remediate as per MNOCD guides. Geotag photographs of remediation required.	
Date: 06/30/2015	Phone: 575-748-4171	Attached ☐ 25575 1RP-3711

nKJ1518236508
pKJ1518236712

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

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Yates Petroleum Corporation	Contact Chase Settle
Address 104 S. 4 th Street, Artesia, NM 88210	Telephone No. 575-748-4171
Facility Name Belco AIA Federal Battery	Facility Type Battery
Surface Owner Federal	Mineral Owner Federal
API No. 30-025-26826	

RECEIVED

By JKeyes at 7:44 am, Oct 09, 2015

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	14	20S	32E	1980'	South	1980'	East	Lea

Latitude 32.57120 Longitude -103.73433

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 300 B/PW	Volume Recovered 270 B/PW
Source of Release Failure of the discharge line from the transfer pump.	Date and Hour of Occurrence 07/26/2015; 7:00 AM	Date and Hour of Discovery 07/26/2015; 7:00 AM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Kellie Jones, Jim Amos	
By Whom? Robert Asher/ Yates Petroleum Corporation	Date and Hour 07/27/2015; 2:59 PM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. N/A	

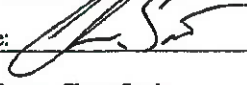
If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*

A failure occurred with the discharge line from a transfer pump causing a release of produced water. Wells were shut in, transfer pump was turned off, and vacuum truck was dispatched to remove standing fluid.

Describe Area Affected and Cleanup Action Taken.* An approximate area of 170' X 16' was affected south of the batteries off the location, and an area approximately 318' X 60' east and north of the battery was affected on the production pad. Excavated soil will be hauled to a NMOCD approved facility. Vertical and horizontal delineation samples will be taken and analysis ran for TPH & BTEX (chlorides for documentation). If initial analytical results for TPH & BTEX are under RRAL's (site ranking 10) a Final Report, C-141 will be submitted to the OCD requesting closure. If analytical results are above the RRAL's a work plan will be submitted to NMOCD. Depth to Ground Water: 50-99' (>76', Section 14, T20S-R32E, no groundwater present above 76' per previous core data 09/17/2007), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 10.

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: Chase Settle	Approved by Environmental Specialist: 	
Title: NM Environmental Regulatory Agent	Approval Date: 10/09/2015	Expiration Date: 12/09/2015
E-mail Address: csettle@yatespetroleum.com	Conditions of Approval:	
Date: 10/8/2015	Phone: 575-748-4171	Attached ☐ 1RP 3903

Discrete site samples required. Delineate and remediate per NMOCD guidelines.
Geotagged photos of remediation required.
Ensure BLM concurrence/approval.

pJXK1528227744
nJXK1528227608

Incident ID	
District RP	1RP-3711/1RP-3903
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>76</u> (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

Incident ID	
District RP	1RP-3711/1RP-3903
Facility ID	
Application ID	

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

Printed Name: James Kennedy Title: Environmental Specialist

Signature: James Kennedy Date: 4/5/2021

email: james_kennedy@eogresources.com Telephone: 432.848.9146

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	1RP-3711/1RP-3903
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: James Kennedy

Title: Environmental Specialist

Signature: James Kennedy

Date: 4/5/2021

email: james_kennedy@eogresources.com

Telephone: 432.848.9146

OCD Only

Received by: _____

Date: _____

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

Closure Approved by: Brittany Hall

Date: 1/4/2023

Printed Name: Brittany Hall

Title: Environmental Specialist



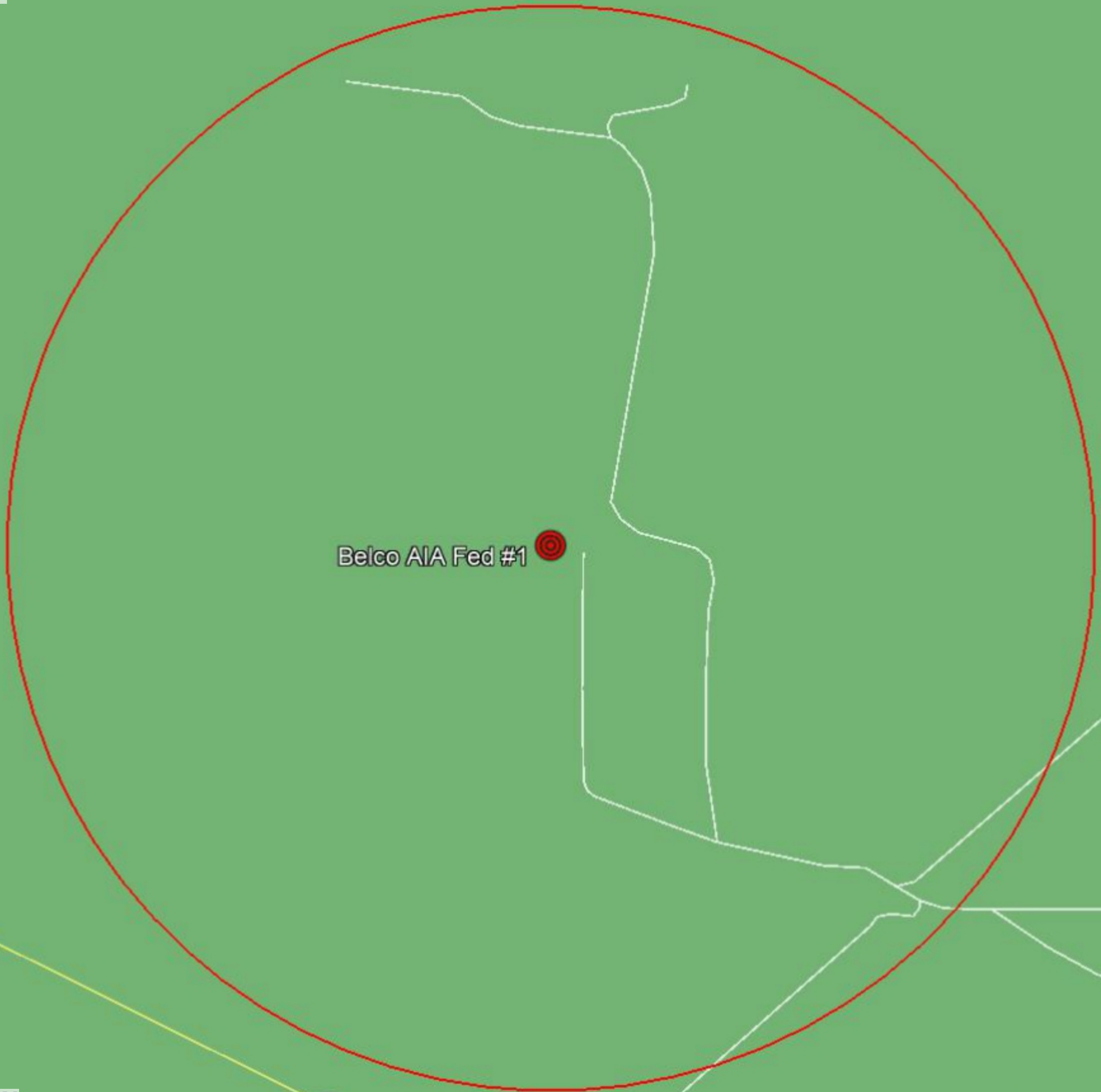
Appendix B

Low Karst

EOG Resources
Belco AIA Federal #1

Legend

-  0.50 Mile Radius
-  Belco AIA Fed #1
-  LOW



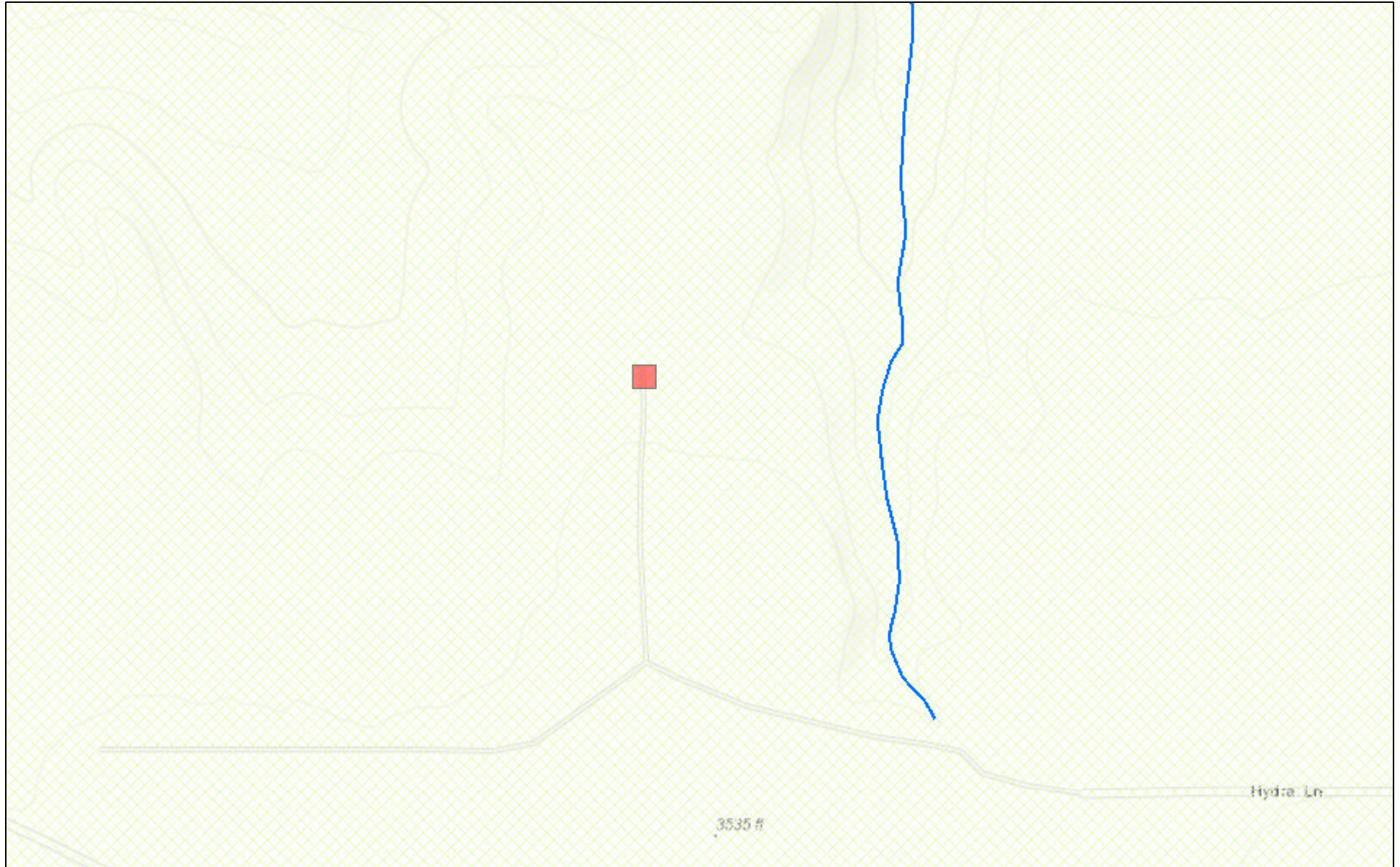
Belco AIA Fed #1

Hydra Ln

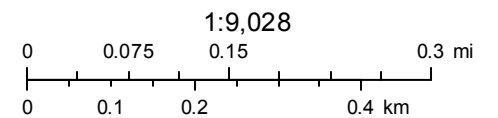
E-38

243

New Mexico NFHL Data



March 15, 2021



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



USG
Cont
Sear

National Water Information System: Mapper



Site Information



Appendix C

Certificate of Analysis Summary 689047

NT Global, Midland, TX

Project Name: Belco AIA Fed #1 1RP-3711/3903

Project Id: 213859
Contact: Mike Carmona
Project Location: Lea Co, NM

Date Received in Lab: Wed 02.24.2021 10:45

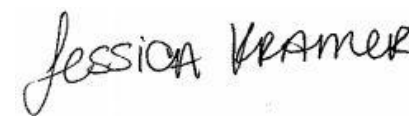
Report Date: 03.01.2021 15:47

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	689047-001	689047-002	689047-003	689047-004	689047-005	689047-006
	<i>Field Id:</i>	CS-1 (4-4.5')	CS-2 (4-4.5')	CS-3(4-4.5')	CS-4 (4-4.5')	CS-5 (4-4.5')	CS-6 (4-4.5')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	02.22.2021 00:00	02.22.2021 00:00	02.22.2021 00:00	02.22.2021 00:00	02.22.2021 00:00	02.22.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	02.26.2021 08:00	02.26.2021 08:00	02.27.2021 15:00	02.26.2021 08:00	02.26.2021 08:00	02.26.2021 08:00
	<i>Analyzed:</i>	02.26.2021 13:33	02.26.2021 13:58	02.28.2021 13:24	02.26.2021 14:49	02.26.2021 15:15	02.26.2021 15:41
	<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	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
Toluene		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
Ethylbenzene		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
m,p-Xylenes		<0.00398 0.00398	<0.00398 0.00398	<0.00399 0.00399	<0.00401 0.00401	<0.00402 0.00402	<0.00402 0.00402
o-Xylene		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
Total Xylenes		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
Total BTEX		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	02.25.2021 15:15	02.25.2021 15:15	02.25.2021 15:15	02.25.2021 15:15	02.25.2021 16:15	02.25.2021 16:15
	<i>Analyzed:</i>	02.25.2021 20:14	02.25.2021 20:19	02.25.2021 20:24	02.25.2021 20:30	02.25.2021 21:02	02.25.2021 21:18
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		758 4.97	809 4.95	784 4.95	563 4.95	626 X 4.95	624 4.99
TPH By SW8015 Mod	<i>Extracted:</i>	02.25.2021 12:00	02.25.2021 12:00	02.25.2021 12:00	02.25.2021 12:00	02.25.2021 12:00	02.25.2021 12:00
	<i>Analyzed:</i>	02.25.2021 12:32	02.25.2021 13:34	02.25.2021 13:55	02.25.2021 14:16	02.25.2021 14:37	02.25.2021 14:58
	<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	<49.9 49.9	<49.8 49.8
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8
Total TPH		<50.0 50.0	<50.0 50.0	<49.9 49.9	<50.0 50.0	<49.9 49.9	<49.8 49.8

BRL - Below Reporting Limit

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



Certificate of Analysis Summary 689047

NT Global, Midland, TX

Project Name: Belco AIA Fed #1 1RP-3711/3903

Project Id: 213859
Contact: Mike Carmona
Project Location: Lea Co, NM

Date Received in Lab: Wed 02.24.2021 10:45

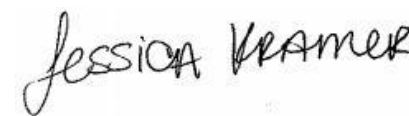
Report Date: 03.01.2021 15:47

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	689047-007	689047-008	689047-009	689047-010	689047-011	689047-012
	<i>Field Id:</i>	CS-7 (4-4.5')	CS-8 (4-4.5')	CS-9(4-4.5')	CS-10 (4-4.5')	CS-11 (4-4.5')	CS-12 (4-4.5')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	02.22.2021 00:00	02.22.2021 00:00	02.22.2021 00:00	02.22.2021 00:00	02.22.2021 00:00	02.22.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	02.26.2021 08:00	02.26.2021 08:00	02.26.2021 08:00	02.26.2021 08:00	02.26.2021 08:00	02.26.2021 08:00
	<i>Analyzed:</i>	02.26.2021 16:06	02.26.2021 16:32	02.26.2021 16:58	02.26.2021 17:23	02.26.2021 19:07	02.26.2021 19:33
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Benzene		<0.00202 0.00202	<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200
Toluene		<0.00202 0.00202	<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200
Ethylbenzene		<0.00202 0.00202	<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200
m,p-Xylenes		<0.00403 0.00403	<0.00402 0.00402	<0.00398 0.00398	<0.00399 0.00399	<0.00398 0.00398	<0.00401 0.00401
o-Xylene		<0.00202 0.00202	<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200
Total Xylenes		<0.00202 0.00202	<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200
Total BTEX		<0.00202 0.00202	<0.00201 0.00201	<0.00199 0.00199	<0.00200 0.00200	<0.00199 0.00199	<0.00200 0.00200
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	02.25.2021 16:15	02.25.2021 16:15	02.25.2021 16:15	02.25.2021 16:15	02.25.2021 16:15	02.25.2021 16:15
	<i>Analyzed:</i>	02.25.2021 21:23	02.25.2021 21:28	02.25.2021 21:34	02.25.2021 21:50	02.25.2021 21:55	02.25.2021 22:00
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		1710 24.9	1670 24.9	2120 24.8	197 5.00	4270 50.0	4170 24.9
TPH By SW8015 Mod	<i>Extracted:</i>	02.25.2021 12:00	02.25.2021 12:00	02.25.2021 12:00	02.25.2021 12:00	02.25.2021 12:00	02.25.2021 12:00
	<i>Analyzed:</i>	02.25.2021 15:19	02.25.2021 15:40	02.25.2021 16:01	02.25.2021 16:22	02.25.2021 17:04	02.25.2021 17:26
	<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	<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9
Diesel Range Organics (DRO)		<50.0 50.0	<49.9 49.9	<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	<49.9 49.9	<49.9 49.9	<50.0 50.0	<50.0 50.0	<49.9 49.9
Total TPH		<50.0 50.0	<49.9 49.9	<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 689047

NT Global, Midland, TX

Project Name: Belco AIA Fed #1 1RP-3711/3903

Project Id: 213859
Contact: Mike Carmona
Project Location: Lea Co, NM

Date Received in Lab: Wed 02.24.2021 10:45
Report Date: 03.01.2021 15:47
Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	689047-013	689047-014	689047-015	689047-016	689047-017	689047-018
	<i>Field Id:</i>	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	02.22.2021 00:00	02.22.2021 00:00	02.22.2021 00:00	02.22.2021 00:00	02.22.2021 00:00	02.22.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	02.26.2021 08:00	02.26.2021 08:00	02.26.2021 08:00	02.26.2021 08:00	02.26.2021 08:00	02.26.2021 08:00
	<i>Analyzed:</i>	02.26.2021 19:59	02.26.2021 20:24	02.26.2021 20:50	02.26.2021 21:16	02.26.2021 21:41	02.26.2021 22:06
	<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	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
Toluene		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
Ethylbenzene		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
m,p-Xylenes		<0.00399 0.00399	<0.00400 0.00400	<0.00400 0.00400	<0.00399 0.00399	<0.00402 0.00402	<0.00402 0.00402
o-Xylene		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
Total Xylenes		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
Total BTEX		<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00201 0.00201
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	02.25.2021 16:15	02.25.2021 16:15	02.25.2021 16:15	02.25.2021 16:15	02.25.2021 16:15	02.25.2021 16:15
	<i>Analyzed:</i>	02.25.2021 22:06	02.25.2021 22:11	02.25.2021 22:16	02.25.2021 22:32	02.25.2021 22:38	02.25.2021 22:54
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		209 4.97	230 5.00	258 5.00	236 5.04	243 4.95	227 4.99
TPH By SW8015 Mod	<i>Extracted:</i>	02.25.2021 12:00	02.25.2021 12:00	02.25.2021 12:00	02.25.2021 12:00	02.25.2021 12:00	02.25.2021 12:00
	<i>Analyzed:</i>	02.25.2021 17:47	02.25.2021 18:08	02.25.2021 18:28	02.25.2021 18:49	02.25.2021 19:10	02.25.2021 19:31
	<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	<49.8 49.8	<50.0 50.0	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<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	<49.8 49.8	<50.0 50.0	<50.0 50.0
Total TPH		<50.0 50.0	<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0	<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 689047

NT Global, Midland, TX

Project Name: Belco AIA Fed #1 1RP-3711/3903

Project Id: 213859
 Contact: Mike Carmona
 Project Location: Lea Co, NM

Date Received in Lab: Wed 02.24.2021 10:45
 Report Date: 03.01.2021 15:47
 Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	689047-019	689047-020	689047-021	689047-022		
	<i>Field Id:</i>	SW-7	SW-8	SW-9	SW-10		
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL		
	<i>Sampled:</i>	02.22.2021 00:00	02.22.2021 00:00	02.22.2021 00:00	02.22.2021 00:00		
BTEX by EPA 8021B	<i>Extracted:</i>	02.26.2021 08:00	02.26.2021 08:00	02.25.2021 11:00	02.25.2021 11:00		
	<i>Analyzed:</i>	02.26.2021 22:32	02.26.2021 22:58	02.25.2021 14:30	02.25.2021 14:50		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Benzene		<0.00201 0.00201	<0.00200 0.00200	<0.00198 0.00198	<0.00198 0.00198		
Toluene		<0.00201 0.00201	<0.00200 0.00200	<0.00198 0.00198	<0.00198 0.00198		
Ethylbenzene		<0.00201 0.00201	<0.00200 0.00200	<0.00198 0.00198	<0.00198 0.00198		
m,p-Xylenes		<0.00402 0.00402	<0.00399 0.00399	<0.00396 0.00396	<0.00397 0.00397		
o-Xylene		<0.00201 0.00201	<0.00200 0.00200	<0.00198 0.00198	<0.00198 0.00198		
Total Xylenes		<0.00201 0.00201	<0.00200 0.00200	<0.00198 0.00198	<0.00198 0.00198		
Total BTEX		<0.00201 0.00201	<0.00200 0.00200	<0.00198 0.00198	<0.00198 0.00198		
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	02.25.2021 16:15	02.25.2021 16:15	02.25.2021 16:15	02.25.2021 16:15		
	<i>Analyzed:</i>	02.25.2021 22:59	02.25.2021 23:04	02.25.2021 23:10	02.25.2021 23:15		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Chloride		247 5.00	180 5.00	198 5.00	187 5.02		
TPH By SW8015 Mod	<i>Extracted:</i>	02.25.2021 12:00	02.25.2021 12:00	02.25.2021 12:00	02.25.2021 12:00		
	<i>Analyzed:</i>	02.25.2021 19:52	02.25.2021 20:13	02.25.2021 16:01	02.25.2021 16:22		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Gasoline Range Hydrocarbons (GRO)		<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0		
Diesel Range Organics (DRO)		<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0		
Motor Oil Range Hydrocarbons (MRO)		<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0		
Total TPH		<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0		

BRL - Below Reporting Limit

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



Analytical Report 689047

for

NT Global

Project Manager: Mike Carmona

Belco AIA Fed #1 1RP-3711/3903

213859

03.01.2021

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)



03.01.2021

Project Manager: **Mike Carmona**

NT Global

701 Tradewinds Blvd

Midland, TX 79706

Reference: Eurofins Xenco, LLC Report No(s): **689047**

Belco AIA Fed #1 1RP-3711/3903

Project Address: Lea Co, 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) 689047. 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. 689047 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 689047****NT Global, Midland, TX**

Belco AIA Fed #1 1RP-3711/3903

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
CS-1 (4-4.5')	S	02.22.2021 00:00		689047-001
CS-2 (4-4.5')	S	02.22.2021 00:00		689047-002
CS-3(4-4.5')	S	02.22.2021 00:00		689047-003
CS-4 (4-4.5')	S	02.22.2021 00:00		689047-004
CS-5 (4-4.5')	S	02.22.2021 00:00		689047-005
CS-6 (4-4.5')	S	02.22.2021 00:00		689047-006
CS-7 (4-4.5')	S	02.22.2021 00:00		689047-007
CS-8 (4-4.5')	S	02.22.2021 00:00		689047-008
CS-9(4-4.5')	S	02.22.2021 00:00		689047-009
CS-10 (4-4.5')	S	02.22.2021 00:00		689047-010
CS-11 (4-4.5')	S	02.22.2021 00:00		689047-011
CS-12 (4-4.5')	S	02.22.2021 00:00		689047-012
SW-1	S	02.22.2021 00:00		689047-013
SW-2	S	02.22.2021 00:00		689047-014
SW-3	S	02.22.2021 00:00		689047-015
SW-4	S	02.22.2021 00:00		689047-016
SW-5	S	02.22.2021 00:00		689047-017
SW-6	S	02.22.2021 00:00		689047-018
SW-7	S	02.22.2021 00:00		689047-019
SW-8	S	02.22.2021 00:00		689047-020
SW-9	S	02.22.2021 00:00		689047-021
SW-10	S	02.22.2021 00:00		689047-022

**CASE NARRATIVE****Client Name: NT Global****Project Name: Belco AIA Fed #1 1RP-3711/3903**Project ID: 213859
Work Order Number(s): 689047Report Date: 03.01.2021
Date Received: 02.24.2021**Sample receipt non conformances and comments:****Sample receipt non conformances and comments per sample:**

None

Analytical non conformances and comments:

Batch: LBA-3151836 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered below QC limit. Samples affected are: 7722043-1-BLK.

Batch: LBA-3151840 Inorganic Anions by EPA 300/300.1

Lab Sample ID 689047-015 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered below QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 689047-005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019, -020, -021, -022.

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

Batch: LBA-3151878 TPH By SW8015 Mod

Surrogate 1-Chlorooctane recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 689047-005, 689047-004.

Batch: LBA-3151961 BTEX by EPA 8021B

Lab Sample ID 689047-001 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: 689047-001, -002, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019, -020.

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: 689047-001, -002, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019, -020



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-1 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-001

Date Collected: 02.22.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 15:15

% Moisture:

Seq Number: 3151835

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	758	4.97	mg/kg	02.25.2021 20:14		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:

Seq Number: 3151878

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.25.2021 12:32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.25.2021 12:32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.25.2021 12:32	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.25.2021 12:32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	02.25.2021 12:32	
o-Terphenyl	84-15-1	101	%	70-130	02.25.2021 12:32	



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-1 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-001

Date Collected: 02.22.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	02.26.2021 13:33	UXF	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	02.26.2021 13:33	UXF	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	02.26.2021 13:33	UXF	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	02.26.2021 13:33	UXF	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	02.26.2021 13:33	UXF	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	02.26.2021 13:33	U	1
Total BTEX		<0.00199	0.00199	mg/kg	02.26.2021 13:33	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	82	%	70-130	02.26.2021 13:33		
4-Bromofluorobenzene	460-00-4	118	%	70-130	02.26.2021 13:33		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-2 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-002

Date Collected: 02.22.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 15:15

% Moisture:

Seq Number: 3151835

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	809	4.95	mg/kg	02.25.2021 20:19		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:

Seq Number: 3151878

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.25.2021 13:34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.25.2021 13:34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.25.2021 13:34	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.25.2021 13:34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-130	02.25.2021 13:34	
o-Terphenyl	84-15-1	97	%	70-130	02.25.2021 13:34	



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-2 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-002

Date Collected: 02.22.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	02.26.2021 13:58	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	02.26.2021 13:58	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	02.26.2021 13:58	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	02.26.2021 13:58	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	02.26.2021 13:58	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	02.26.2021 13:58	U	1
Total BTEX		<0.00199	0.00199	mg/kg	02.26.2021 13:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	101	%	70-130	02.26.2021 13:58		
1,4-Difluorobenzene	540-36-3	99	%	70-130	02.26.2021 13:58		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-3(4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-003

Date Collected: 02.22.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 15:15

% Moisture:

Seq Number: 3151835

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	784	4.95	mg/kg	02.25.2021 20:24		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:

Seq Number: 3151878

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.25.2021 13:55	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.25.2021 13:55	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.25.2021 13:55	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.25.2021 13:55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	119	%	70-130	02.25.2021 13:55	
o-Terphenyl	84-15-1	102	%	70-130	02.25.2021 13:55	



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-3(4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-003

Date Collected: 02.22.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.27.2021 15:00

% Moisture:

Basis: Wet Weight

Seq Number: 3152029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	02.28.2021 13:24	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	02.28.2021 13:24	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	02.28.2021 13:24	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	02.28.2021 13:24	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	02.28.2021 13:24	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	02.28.2021 13:24	U	1
Total BTEX		<0.00200	0.00200	mg/kg	02.28.2021 13:24	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	85	%	70-130	02.28.2021 13:24		
4-Bromofluorobenzene	460-00-4	100	%	70-130	02.28.2021 13:24		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-4 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-004

Date Collected: 02.22.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 15:15

% Moisture:

Seq Number: 3151835

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	563	4.95	mg/kg	02.25.2021 20:30		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:

Seq Number: 3151878

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.25.2021 14:16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.25.2021 14:16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.25.2021 14:16	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.25.2021 14:16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	134	%	70-130	02.25.2021 14:16	**
o-Terphenyl	84-15-1	116	%	70-130	02.25.2021 14:16	



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-4 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-004

Date Collected: 02.22.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:

Seq Number: 3151961

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	02.26.2021 14:49	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	02.26.2021 14:49	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	02.26.2021 14:49	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	02.26.2021 14:49	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	02.26.2021 14:49	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	02.26.2021 14:49	U	1
Total BTEX		<0.00200	0.00200	mg/kg	02.26.2021 14:49	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	02.26.2021 14:49		
4-Bromofluorobenzene	460-00-4	113	%	70-130	02.26.2021 14:49		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-5 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-005

Date Collected: 02.22.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 16:15

% Moisture:

Basis: Wet Weight

Seq Number: 3151840

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	626	4.95	mg/kg	02.25.2021 21:02	X	1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:

Basis: Wet Weight

Seq Number: 3151878

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.25.2021 14:37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.25.2021 14:37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.25.2021 14:37	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.25.2021 14:37	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	131	%	70-130	02.25.2021 14:37	**	
o-Terphenyl	84-15-1	114	%	70-130	02.25.2021 14:37		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-5 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-005

Date Collected: 02.22.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	02.26.2021 15:15	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	02.26.2021 15:15	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	02.26.2021 15:15	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	02.26.2021 15:15	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	02.26.2021 15:15	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	02.26.2021 15:15	U	1
Total BTEX		<0.00201	0.00201	mg/kg	02.26.2021 15:15	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	112	%	70-130	02.26.2021 15:15		
1,4-Difluorobenzene	540-36-3	102	%	70-130	02.26.2021 15:15		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-6 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-006

Date Collected: 02.22.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 16:15

% Moisture:

Seq Number: 3151840

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	624	4.99	mg/kg	02.25.2021 21:18		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:

Seq Number: 3151878

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	02.25.2021 14:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	02.25.2021 14:58	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	02.25.2021 14:58	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	02.25.2021 14:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	114	%	70-130	02.25.2021 14:58		
o-Terphenyl	84-15-1	98	%	70-130	02.25.2021 14:58		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-6 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-006

Date Collected: 02.22.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	02.26.2021 15:41	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	02.26.2021 15:41	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	02.26.2021 15:41	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	02.26.2021 15:41	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	02.26.2021 15:41	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	02.26.2021 15:41	U	1
Total BTEX		<0.00201	0.00201	mg/kg	02.26.2021 15:41	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	125	%	70-130	02.26.2021 15:41		
1,4-Difluorobenzene	540-36-3	108	%	70-130	02.26.2021 15:41		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-7 (4-4.5')**
 Lab Sample Id: 689047-007

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 16:15

% Moisture:
 Basis: Wet Weight

Seq Number: 3151840

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1710	24.9	mg/kg	02.25.2021 21:23		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151878

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.25.2021 15:19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.25.2021 15:19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.25.2021 15:19	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.25.2021 15:19	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	116	%	70-130	02.25.2021 15:19		
o-Terphenyl	84-15-1	99	%	70-130	02.25.2021 15:19		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-7 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-007

Date Collected: 02.22.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:

Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	02.26.2021 16:06	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	02.26.2021 16:06	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	02.26.2021 16:06	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	02.26.2021 16:06	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	02.26.2021 16:06	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	02.26.2021 16:06	U	1
Total BTEX		<0.00202	0.00202	mg/kg	02.26.2021 16:06	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	118	%	70-130	02.26.2021 16:06		
1,4-Difluorobenzene	540-36-3	98	%	70-130	02.26.2021 16:06		



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NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-8 (4-4.5')**
 Lab Sample Id: 689047-008

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 16:15

% Moisture:
 Basis: Wet Weight

Seq Number: 3151840

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1670	24.9	mg/kg	02.25.2021 21:28		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151878

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.25.2021 15:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.25.2021 15:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.25.2021 15:40	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.25.2021 15:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	02.25.2021 15:40	
o-Terphenyl	84-15-1	98	%	70-130	02.25.2021 15:40	



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-8 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-008

Date Collected: 02.22.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	02.26.2021 16:32	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	02.26.2021 16:32	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	02.26.2021 16:32	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	02.26.2021 16:32	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	02.26.2021 16:32	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	02.26.2021 16:32	U	1
Total BTEX		<0.00201	0.00201	mg/kg	02.26.2021 16:32	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	112	%	70-130	02.26.2021 16:32		
1,4-Difluorobenzene	540-36-3	98	%	70-130	02.26.2021 16:32		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-9(4-4.5')**
 Lab Sample Id: 689047-009

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 16:15

% Moisture:
 Basis: Wet Weight

Seq Number: 3151840

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	2120	24.8	mg/kg	02.25.2021 21:34		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151878

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.25.2021 16:01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.25.2021 16:01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.25.2021 16:01	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.25.2021 16:01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-130	02.25.2021 16:01	
o-Terphenyl	84-15-1	99	%	70-130	02.25.2021 16:01	



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-9(4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-009

Date Collected: 02.22.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	02.26.2021 16:58	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	02.26.2021 16:58	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	02.26.2021 16:58	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	02.26.2021 16:58	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	02.26.2021 16:58	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	02.26.2021 16:58	U	1
Total BTEX		<0.00199	0.00199	mg/kg	02.26.2021 16:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	99	%	70-130	02.26.2021 16:58		
4-Bromofluorobenzene	460-00-4	121	%	70-130	02.26.2021 16:58		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-10 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-010

Date Collected: 02.22.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 16:15

% Moisture:

Seq Number: 3151840

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	197	5.00	mg/kg	02.25.2021 21:50		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:

Seq Number: 3151878

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.25.2021 16:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.25.2021 16:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.25.2021 16:22	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.25.2021 16:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	109	%	70-130	02.25.2021 16:22	
o-Terphenyl	84-15-1	98	%	70-130	02.25.2021 16:22	



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-10 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-010

Date Collected: 02.22.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	02.26.2021 17:23	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	02.26.2021 17:23	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	02.26.2021 17:23	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	02.26.2021 17:23	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	02.26.2021 17:23	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	02.26.2021 17:23	U	1
Total BTEX		<0.00200	0.00200	mg/kg	02.26.2021 17:23	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	103	%	70-130	02.26.2021 17:23		
4-Bromofluorobenzene	460-00-4	121	%	70-130	02.26.2021 17:23		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-11 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-011

Date Collected: 02.22.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 16:15

% Moisture:

Seq Number: 3151840

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	4270	50.0	mg/kg	02.25.2021 21:55		10

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:

Seq Number: 3151878

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.25.2021 17:04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.25.2021 17:04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.25.2021 17:04	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.25.2021 17:04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	02.25.2021 17:04	
o-Terphenyl	84-15-1	99	%	70-130	02.25.2021 17:04	



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-11 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-011

Date Collected: 02.22.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	02.26.2021 19:07	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	02.26.2021 19:07	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	02.26.2021 19:07	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	02.26.2021 19:07	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	02.26.2021 19:07	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	02.26.2021 19:07	U	1
Total BTEX		<0.00199	0.00199	mg/kg	02.26.2021 19:07	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	90	%	70-130	02.26.2021 19:07		
4-Bromofluorobenzene	460-00-4	115	%	70-130	02.26.2021 19:07		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-12 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-012

Date Collected: 02.22.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 16:15

% Moisture:

Seq Number: 3151840

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	4170	24.9	mg/kg	02.25.2021 22:00		5

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:

Seq Number: 3151878

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.25.2021 17:26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.25.2021 17:26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.25.2021 17:26	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.25.2021 17:26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	02.25.2021 17:26	
o-Terphenyl	84-15-1	102	%	70-130	02.25.2021 17:26	



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **CS-12 (4-4.5')**

Matrix: Soil

Date Received: 02.24.2021 10:45

Lab Sample Id: 689047-012

Date Collected: 02.22.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:

Seq Number: 3151961

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	02.26.2021 19:33	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	02.26.2021 19:33	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	02.26.2021 19:33	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	02.26.2021 19:33	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	02.26.2021 19:33	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	02.26.2021 19:33	U	1
Total BTEX		<0.00200	0.00200	mg/kg	02.26.2021 19:33	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	97	%	70-130	02.26.2021 19:33		
4-Bromofluorobenzene	460-00-4	102	%	70-130	02.26.2021 19:33		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-1** Matrix: Soil Date Received: 02.24.2021 10:45
 Lab Sample Id: 689047-013 Date Collected: 02.22.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 02.25.2021 16:15 % Moisture:
 Seq Number: 3151840 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	209	4.97	mg/kg	02.25.2021 22:06		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 02.25.2021 12:00 % Moisture:
 Seq Number: 3151878 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.25.2021 17:47	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.25.2021 17:47	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.25.2021 17:47	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.25.2021 17:47	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	107	%	70-130	02.25.2021 17:47		
o-Terphenyl	84-15-1	98	%	70-130	02.25.2021 17:47		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-1**
 Lab Sample Id: 689047-013

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	02.26.2021 19:59	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	02.26.2021 19:59	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	02.26.2021 19:59	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	02.26.2021 19:59	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	02.26.2021 19:59	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	02.26.2021 19:59	U	1
Total BTEX		<0.00200	0.00200	mg/kg	02.26.2021 19:59	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	02.26.2021 19:59		
4-Bromofluorobenzene	460-00-4	117	%	70-130	02.26.2021 19:59		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-2**
 Lab Sample Id: 689047-014

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 16:15

% Moisture:
 Basis: Wet Weight

Seq Number: 3151840

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	230	5.00	mg/kg	02.25.2021 22:11		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151878

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.25.2021 18:08	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.25.2021 18:08	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.25.2021 18:08	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.25.2021 18:08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	115	%	70-130	02.25.2021 18:08	
o-Terphenyl	84-15-1	101	%	70-130	02.25.2021 18:08	



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-2**
 Lab Sample Id: 689047-014

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	02.26.2021 20:24	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	02.26.2021 20:24	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	02.26.2021 20:24	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	02.26.2021 20:24	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	02.26.2021 20:24	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	02.26.2021 20:24	U	1
Total BTEX		<0.00200	0.00200	mg/kg	02.26.2021 20:24	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	116	%	70-130	02.26.2021 20:24		
1,4-Difluorobenzene	540-36-3	100	%	70-130	02.26.2021 20:24		



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NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-3**
 Lab Sample Id: 689047-015

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 16:15

% Moisture:
 Basis: Wet Weight

Seq Number: 3151840

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	258	5.00	mg/kg	02.25.2021 22:16		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151878

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.25.2021 18:28	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.25.2021 18:28	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.25.2021 18:28	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.25.2021 18:28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	122	%	70-130	02.25.2021 18:28	
o-Terphenyl	84-15-1	104	%	70-130	02.25.2021 18:28	



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-3**
 Lab Sample Id: 689047-015

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	02.26.2021 20:50	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	02.26.2021 20:50	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	02.26.2021 20:50	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	02.26.2021 20:50	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	02.26.2021 20:50	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	02.26.2021 20:50	U	1
Total BTEX		<0.00200	0.00200	mg/kg	02.26.2021 20:50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	102	%	70-130	02.26.2021 20:50	
4-Bromofluorobenzene	460-00-4	112	%	70-130	02.26.2021 20:50	



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NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-4**
 Lab Sample Id: 689047-016

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 16:15

% Moisture:
 Basis: Wet Weight

Seq Number: 3151840

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	236	5.04	mg/kg	02.25.2021 22:32		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151878

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	02.25.2021 18:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	02.25.2021 18:49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	02.25.2021 18:49	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	02.25.2021 18:49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	114	%	70-130	02.25.2021 18:49	
o-Terphenyl	84-15-1	100	%	70-130	02.25.2021 18:49	



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-4**
 Lab Sample Id: 689047-016

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	02.26.2021 21:16	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	02.26.2021 21:16	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	02.26.2021 21:16	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	02.26.2021 21:16	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	02.26.2021 21:16	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	02.26.2021 21:16	U	1
Total BTEX		<0.00200	0.00200	mg/kg	02.26.2021 21:16	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	96	%	70-130	02.26.2021 21:16		
4-Bromofluorobenzene	460-00-4	106	%	70-130	02.26.2021 21:16		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-5** Matrix: Soil Date Received: 02.24.2021 10:45
 Lab Sample Id: 689047-017 Date Collected: 02.22.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 02.25.2021 16:15 % Moisture:
 Seq Number: 3151840 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	243	4.95	mg/kg	02.25.2021 22:38		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 02.25.2021 12:00 % Moisture:
 Seq Number: 3151878 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.25.2021 19:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.25.2021 19:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.25.2021 19:10	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.25.2021 19:10	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	108	%	70-130	02.25.2021 19:10		
o-Terphenyl	84-15-1	100	%	70-130	02.25.2021 19:10		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-5**
 Lab Sample Id: 689047-017

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	02.26.2021 21:41	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	02.26.2021 21:41	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	02.26.2021 21:41	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	02.26.2021 21:41	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	02.26.2021 21:41	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	02.26.2021 21:41	U	1
Total BTEX		<0.00201	0.00201	mg/kg	02.26.2021 21:41	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	117	%	70-130	02.26.2021 21:41		
1,4-Difluorobenzene	540-36-3	102	%	70-130	02.26.2021 21:41		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-6**
 Lab Sample Id: 689047-018

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 16:15

% Moisture:
 Basis: Wet Weight

Seq Number: 3151840

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	227	4.99	mg/kg	02.25.2021 22:54		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151878

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.25.2021 19:31	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.25.2021 19:31	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.25.2021 19:31	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.25.2021 19:31	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	109	%	70-130	02.25.2021 19:31		
o-Terphenyl	84-15-1	98	%	70-130	02.25.2021 19:31		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-6**
 Lab Sample Id: 689047-018

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	02.26.2021 22:06	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	02.26.2021 22:06	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	02.26.2021 22:06	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	02.26.2021 22:06	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	02.26.2021 22:06	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	02.26.2021 22:06	U	1
Total BTEX		<0.00201	0.00201	mg/kg	02.26.2021 22:06	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	114	%	70-130	02.26.2021 22:06		
1,4-Difluorobenzene	540-36-3	101	%	70-130	02.26.2021 22:06		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-7** Matrix: Soil Date Received: 02.24.2021 10:45
 Lab Sample Id: 689047-019 Date Collected: 02.22.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 02.25.2021 16:15 % Moisture:
 Seq Number: 3151840 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	247	5.00	mg/kg	02.25.2021 22:59		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 02.25.2021 12:00 % Moisture:
 Seq Number: 3151878 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	02.25.2021 19:52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	02.25.2021 19:52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	02.25.2021 19:52	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	02.25.2021 19:52	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	108	%	70-130	02.25.2021 19:52		
o-Terphenyl	84-15-1	98	%	70-130	02.25.2021 19:52		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-7**
 Lab Sample Id: 689047-019

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	02.26.2021 22:32	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	02.26.2021 22:32	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	02.26.2021 22:32	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	02.26.2021 22:32	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	02.26.2021 22:32	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	02.26.2021 22:32	U	1
Total BTEX		<0.00201	0.00201	mg/kg	02.26.2021 22:32	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	98	%	70-130	02.26.2021 22:32		
4-Bromofluorobenzene	460-00-4	111	%	70-130	02.26.2021 22:32		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-8** Matrix: Soil Date Received: 02.24.2021 10:45
 Lab Sample Id: 689047-020 Date Collected: 02.22.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 02.25.2021 16:15 % Moisture:
 Seq Number: 3151840 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	180	5.00	mg/kg	02.25.2021 23:04		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 02.25.2021 12:00 % Moisture:
 Seq Number: 3151878 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.25.2021 20:13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.25.2021 20:13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.25.2021 20:13	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.25.2021 20:13	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	108	%	70-130	02.25.2021 20:13		
o-Terphenyl	84-15-1	98	%	70-130	02.25.2021 20:13		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-8**
 Lab Sample Id: 689047-020

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 02.26.2021 08:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151961

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	02.26.2021 22:58	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	02.26.2021 22:58	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	02.26.2021 22:58	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	02.26.2021 22:58	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	02.26.2021 22:58	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	02.26.2021 22:58	U	1
Total BTEX		<0.00200	0.00200	mg/kg	02.26.2021 22:58	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	122	%	70-130	02.26.2021 22:58		
1,4-Difluorobenzene	540-36-3	106	%	70-130	02.26.2021 22:58		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-9**
 Lab Sample Id: 689047-021

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 16:15

% Moisture:
 Basis: Wet Weight

Seq Number: 3151840

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	198	5.00	mg/kg	02.25.2021 23:10		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151881

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.25.2021 16:01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.25.2021 16:01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.25.2021 16:01	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.25.2021 16:01	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	101	%	70-130	02.25.2021 16:01		
o-Terphenyl	84-15-1	100	%	70-130	02.25.2021 16:01		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-9**
 Lab Sample Id: 689047-021

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 02.25.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151836

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	02.25.2021 14:30	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	02.25.2021 14:30	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	02.25.2021 14:30	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	02.25.2021 14:30	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	02.25.2021 14:30	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	02.25.2021 14:30	U	1
Total BTEX		<0.00198	0.00198	mg/kg	02.25.2021 14:30	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	96	%	70-130	02.25.2021 14:30		
4-Bromofluorobenzene	460-00-4	84	%	70-130	02.25.2021 14:30		



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-10**
 Lab Sample Id: 689047-022

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 02.25.2021 16:15

% Moisture:
 Basis: Wet Weight

Seq Number: 3151840

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	187	5.02	mg/kg	02.25.2021 23:15		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 02.25.2021 12:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151881

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	02.25.2021 16:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	02.25.2021 16:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	02.25.2021 16:22	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	02.25.2021 16:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	02.25.2021 16:22	
o-Terphenyl	84-15-1	104	%	70-130	02.25.2021 16:22	



Certificate of Analytical Results 689047

NT Global, Midland, TX
Belco AIA Fed #1 1RP-3711/3903

Sample Id: **SW-10**
 Lab Sample Id: 689047-022

Matrix: Soil
 Date Collected: 02.22.2021 00:00

Date Received: 02.24.2021 10:45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: KTL

Analyst: KTL

Date Prep: 02.25.2021 11:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3151836

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	02.25.2021 14:50	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	02.25.2021 14:50	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	02.25.2021 14:50	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	02.25.2021 14:50	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	02.25.2021 14:50	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	02.25.2021 14:50	U	1
Total BTEX		<0.00198	0.00198	mg/kg	02.25.2021 14:50	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	99	%	70-130	02.25.2021 14:50		
4-Bromofluorobenzene	460-00-4	79	%	70-130	02.25.2021 14:50		

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

Belco AIA Fed #1 1RP-3711/3903

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3151835

Matrix: Solid

Prep Method: E300P

Date Prep: 02.25.2021

MB Sample Id: 7722009-1-BLK

LCS Sample Id: 7722009-1-BKS

LCSD Sample Id: 7722009-1-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	241	96	240	96	90-110	0	20	mg/kg	02.25.2021 17:55	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3151840

Matrix: Solid

Prep Method: E300P

Date Prep: 02.25.2021

MB Sample Id: 7722010-1-BLK

LCS Sample Id: 7722010-1-BKS

LCSD Sample Id: 7722010-1-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	243	97	242	97	90-110	0	20	mg/kg	02.25.2021 20:51	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3151835

Matrix: Soil

Prep Method: E300P

Date Prep: 02.25.2021

Parent Sample Id: 689045-012

MS Sample Id: 689045-012 S

MSD Sample Id: 689045-012 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	20.0	250	273	101	274	102	90-110	0	20	mg/kg	02.25.2021 19:26	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3151835

Matrix: Soil

Prep Method: E300P

Date Prep: 02.25.2021

Parent Sample Id: 689230-004

MS Sample Id: 689230-004 S

MSD Sample Id: 689230-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	81.2	251	330	99	330	99	90-110	0	20	mg/kg	02.25.2021 18:11	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3151840

Matrix: Soil

Prep Method: E300P

Date Prep: 02.25.2021

Parent Sample Id: 689047-005

MS Sample Id: 689047-005 S

MSD Sample Id: 689047-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	626	248	852	91	843	88	90-110	1	20	mg/kg	02.25.2021 21:07	X

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3151840

Matrix: Soil

Prep Method: E300P

Date Prep: 02.25.2021

Parent Sample Id: 689047-015

MS Sample Id: 689047-015 S

MSD Sample Id: 689047-015 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	258	250	504	98	507	100	90-110	1	20	mg/kg	02.25.2021 22:22	

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

Belco AIA Fed #1 1RP-3711/3903

Analytical Method: TPH By SW8015 Mod

Seq Number: 3151878

MB Sample Id: 7722034-1-BLK

Matrix: Solid

LCS Sample Id: 7722034-1-BKS

Prep Method: SW8015P

Date Prep: 02.25.2021

LCSD Sample Id: 7722034-1-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	869	87	961	96	70-130	10	20	mg/kg	02.25.2021 11:50	
Diesel Range Organics (DRO)	<50.0	1000	1090	109	1130	113	70-130	4	20	mg/kg	02.25.2021 11:50	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	94		107		118		70-130	%	02.25.2021 11:50
o-Terphenyl	85		89		99		70-130	%	02.25.2021 11:50

Analytical Method: TPH By SW8015 Mod

Seq Number: 3151881

MB Sample Id: 7722041-1-BLK

Matrix: Solid

LCS Sample Id: 7722041-1-BKS

Prep Method: SW8015P

Date Prep: 02.25.2021

LCSD Sample Id: 7722041-1-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	1080	108	1150	115	70-130	6	20	mg/kg	02.25.2021 11:50	
Diesel Range Organics (DRO)	<50.0	1000	929	93	1090	109	70-130	16	20	mg/kg	02.25.2021 11:50	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	104		105		110		70-130	%	02.25.2021 11:50
o-Terphenyl	107		99		109		70-130	%	02.25.2021 11:50

Analytical Method: TPH By SW8015 Mod

Seq Number: 3151878

Matrix: Solid
MB Sample Id: 7722034-1-BLK

Prep Method: SW8015P

Date Prep: 02.25.2021

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	02.25.2021 11:29	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3151881

Matrix: Solid
MB Sample Id: 7722041-1-BLK

Prep Method: SW8015P

Date Prep: 02.25.2021

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	02.25.2021 11:29	

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

Belco AIA Fed #1 1RP-3711/3903

Analytical Method: TPH By SW8015 Mod

Seq Number: 3151878

Parent Sample Id: 689047-001

Matrix: Soil

MS Sample Id: 689047-001 S

Prep Method: SW8015P

Date Prep: 02.25.2021

MSD Sample Id: 689047-001 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	997	100	902	90	70-130	10	20	mg/kg	02.25.2021 12:52	
Diesel Range Organics (DRO)	<49.9	997	1020	102	1070	107	70-130	5	20	mg/kg	02.25.2021 12:52	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	111		106		70-130	%	02.25.2021 12:52
o-Terphenyl	89		87		70-130	%	02.25.2021 12:52

Analytical Method: TPH By SW8015 Mod

Seq Number: 3151881

Parent Sample Id: 689050-001

Matrix: Soil

MS Sample Id: 689050-001 S

Prep Method: SW8015P

Date Prep: 02.25.2021

MSD Sample Id: 689050-001 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	1100	110	1090	109	70-130	1	20	mg/kg	02.25.2021 12:52	
Diesel Range Organics (DRO)	<49.9	997	1000	100	993	100	70-130	1	20	mg/kg	02.25.2021 12:52	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	102		100		70-130	%	02.25.2021 12:52
o-Terphenyl	93		91		70-130	%	02.25.2021 12:52

Analytical Method: BTEX by EPA 8021B

Seq Number: 3151836

MB Sample Id: 7722043-1-BLK

Matrix: Solid

LCS Sample Id: 7722043-1-BKS

Prep Method: SW5035A

Date Prep: 02.25.2021

LCSD Sample Id: 7722043-1-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	0.115	115	0.107	107	70-130	7	35	mg/kg	02.25.2021 12:07	
Toluene	<0.00200	0.100	0.102	102	0.0967	97	70-130	5	35	mg/kg	02.25.2021 12:07	
Ethylbenzene	<0.00200	0.100	0.0898	90	0.0899	90	70-130	0	35	mg/kg	02.25.2021 12:07	
m,p-Xylenes	<0.00400	0.200	0.195	98	0.184	92	70-130	6	35	mg/kg	02.25.2021 12:07	
o-Xylene	<0.00200	0.100	0.0908	91	0.0840	84	70-130	8	35	mg/kg	02.25.2021 12:07	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	130		101		105		70-130	%	02.25.2021 12:07
4-Bromofluorobenzene	56	**	80		91		70-130	%	02.25.2021 12:07

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

Belco AIA Fed #1 1RP-3711/3903

Analytical Method: BTEX by EPA 8021B

Seq Number: 3151961

Matrix: Solid

Prep Method: SW5035A

Date Prep: 02.26.2021

MB Sample Id: 7722053-1-BLK

LCS Sample Id: 7722053-1-BKS

LCSD Sample Id: 7722053-1-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	0.0878	88	0.0942	94	70-130	7	35	mg/kg	02.26.2021 10:07	
Toluene	<0.00200	0.100	0.0861	86	0.0891	89	70-130	3	35	mg/kg	02.26.2021 10:07	
Ethylbenzene	<0.00200	0.100	0.0815	82	0.0840	84	70-130	3	35	mg/kg	02.26.2021 10:07	
m,p-Xylenes	<0.00400	0.200	0.165	83	0.173	87	70-130	5	35	mg/kg	02.26.2021 10:07	
o-Xylene	<0.00200	0.100	0.0776	78	0.0826	83	70-130	6	35	mg/kg	02.26.2021 10:07	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	77		93		105		70-130	%	02.26.2021 10:07
4-Bromofluorobenzene	81		81		100		70-130	%	02.26.2021 10:07

Analytical Method: BTEX by EPA 8021B

Seq Number: 3152029

Matrix: Solid

Prep Method: SW5035A

Date Prep: 02.27.2021

MB Sample Id: 7722174-1-BLK

LCS Sample Id: 7722174-1-BKS

LCSD Sample Id: 7722174-1-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	0.0853	85	0.0843	84	70-130	1	35	mg/kg	02.28.2021 03:45	
Toluene	<0.00200	0.100	0.0870	87	0.0874	87	70-130	0	35	mg/kg	02.28.2021 03:45	
Ethylbenzene	<0.00200	0.100	0.0830	83	0.0829	83	70-130	0	35	mg/kg	02.28.2021 03:45	
m,p-Xylenes	<0.00400	0.200	0.170	85	0.171	86	70-130	1	35	mg/kg	02.28.2021 03:45	
o-Xylene	<0.00200	0.100	0.0789	79	0.0813	81	70-130	3	35	mg/kg	02.28.2021 03:45	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	71		70		76		70-130	%	02.28.2021 03:45
4-Bromofluorobenzene	89		103		114		70-130	%	02.28.2021 03:45

Analytical Method: BTEX by EPA 8021B

Seq Number: 3151836

Matrix: Soil

Prep Method: SW5035A

Date Prep: 02.25.2021

Parent Sample Id: 689047-021

MS Sample Id: 689047-021 S

MSD Sample Id: 689047-021 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	0.105	106	0.108	108	70-130	3	35	mg/kg	02.25.2021 12:48	
Toluene	<0.00199	0.0994	0.100	101	0.108	108	70-130	8	35	mg/kg	02.25.2021 12:48	
Ethylbenzene	<0.00199	0.0994	0.0858	86	0.0955	96	70-130	11	35	mg/kg	02.25.2021 12:48	
m,p-Xylenes	<0.00398	0.199	0.175	88	0.200	100	70-130	13	35	mg/kg	02.25.2021 12:48	
o-Xylene	<0.00199	0.0994	0.0813	82	0.0944	94	70-130	15	35	mg/kg	02.25.2021 12:48	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	105		101		70-130	%	02.25.2021 12:48
4-Bromofluorobenzene	84		84		70-130	%	02.25.2021 12:48

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

Belco AIA Fed #1 1RP-3711/3903

Analytical Method: BTEX by EPA 8021B

Seq Number: 3151961

Parent Sample Id: 689047-001

Matrix: Soil

MS Sample Id: 689047-001 S

Prep Method: SW5035A

Date Prep: 02.26.2021

MSD Sample Id: 689047-001 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	0.0996	0.0127	13	0.0390	39	70-130	102	35	mg/kg	02.26.2021 11:20	XF
Toluene	<0.00199	0.0996	0.0151	15	0.0378	38	70-130	86	35	mg/kg	02.26.2021 11:20	XF
Ethylbenzene	<0.00199	0.0996	0.0138	14	0.0365	37	70-130	90	35	mg/kg	02.26.2021 11:20	XF
m,p-Xylenes	<0.00398	0.199	0.0292	15	0.0760	38	70-130	89	35	mg/kg	02.26.2021 11:20	XF
o-Xylene	<0.00199	0.0996	0.0163	16	0.0379	38	70-130	80	35	mg/kg	02.26.2021 11:20	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	93		107		70-130	%	02.26.2021 11:20
4-Bromofluorobenzene	93		89		70-130	%	02.26.2021 11:20

Analytical Method: BTEX by EPA 8021B

Seq Number: 3152029

Parent Sample Id: 689550-021

Matrix: Soil

MS Sample Id: 689550-021 S

Prep Method: SW5035A

Date Prep: 02.27.2021

MSD Sample Id: 689550-021 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	0.0280	28	0.0749	75	70-130	91	35	mg/kg	02.28.2021 04:38	XF
Toluene	<0.00200	0.0998	0.0330	33	0.0750	75	70-130	78	35	mg/kg	02.28.2021 04:38	XF
Ethylbenzene	<0.00200	0.0998	0.0285	29	0.0633	64	70-130	76	35	mg/kg	02.28.2021 04:38	XF
m,p-Xylenes	<0.00399	0.200	0.0580	29	0.125	63	70-130	73	35	mg/kg	02.28.2021 04:38	XF
o-Xylene	<0.00200	0.0998	0.0307	31	0.0608	61	70-130	66	35	mg/kg	02.28.2021 04:38	XF

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	71		74		70-130	%	02.28.2021 04:38
4-Bromofluorobenzene	90		108		70-130	%	02.28.2021 04:38

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



Chain of Custody

Work Order No: U89047

Page 1 of 3

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 ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level: I ☐ Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Belco AIA Fed #1 1RP-371/13903	Turn Around		Prep. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	213859	☐ Routine	☒ Rush														None: NO	DI Water: H ₂ O		
Project Location:	Lea Co. NM	Due Date:	72 HRS														Cool: Cool	MeOH: Me		
Sampler's Name:	Conner Moebring	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:	Gas No													HOLD			
Received Intact:	Yes No	Thermometer ID:															NaHSO ₄ : HP			
Cooler Custody Seals:	Yes No	Correction Factor:															NaHSO ₄ : NABIS			
Sample Custody Seals:	Yes No	Temperature Reading:															Na ₂ S ₂ O ₃ : NaSO ₃			
Total Containers:	Yes No	Corrected Temperature:															Zn Acetate+NaOH: Zn			
																	NaOH+Ascorbic Acid: SPC			
Sample Identification	Date	Time	Soil	Water	Grav/Comp	# of Cont													Sample Comments	
CS-1 (4-4.5')	2/22/2021		Soil		Comp	1	X	X	X											
CS-2 (4-4.5')	2/22/2021		Soil		Comp	1	X	X	X											
CS-3 (4-4.5')	2/22/2021		Soil		Comp	1	X	X	X											
CS-4 (4-4.5')	2/22/2021		Soil		Comp	1	X	X	X											
CS-5 (4-4.5')	2/22/2021		Soil		Comp	1	X	X	X											
CS-6 (4-4.5')	2/22/2021		Soil		Comp	1	X	X	X											
CS-7 (4-4.5')	2/22/2021		Soil		Comp	1	X	X	X											
CS-8 (4-4.5')	2/22/2021		Soil		Comp	1	X	X	X											
CS-9 (4-4.5')	2/22/2021		Soil		Comp	1	X	X	X											
CS-10 (4-4.5')	2/22/2021		Soil		Comp	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
<u>[Signature]</u>	<u>[Signature]</u>	2/24/21 1045			



Chain of Custody

Work Order No: 689047

Page 2 of 3

Project Manager:	Mike Camrona	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 ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Belco AIA Fed #1 1RP-3711/3903		Turn Around	
Project Number:	213859		☐ Routine	☒ Rush
Project Location	Lea Co. NM		Due Date:	72 HRS
Sampler's Name:	Conner Moehring		TAT starts the day received by the lab, if received by 4:30pm	
PO #:				
SAMPLE RECEIPT			Temp Blank:	Yes No
Received Intact:	☒ Yes ☐ No		Thermometer ID:	Yes No
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading:	3.8
Total Containers:			Corrected Temperature:	4.3

	ANALYSIS REQUEST								Preservative Codes	
Pers. Code										
Parameters	BTEX 6021B								None; NO DI Water; H ₂ O	
	8015M (GRO + DRO + MRO)								Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na	
	Chlordie 300.0								H ₃ PO ₄ ; HP NaHSO ₄ ; NABIS Na ₂ S ₂ O ₃ ; NaSO ₃	
									Zn Acetate+NaOH: Zn	
									NaOH+Ascorbic Acid: SAPC	
	HOLD									

[illegible]

Additoinal Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	2/24/21 1045			

Chain of Custody

Work Order No: 689047

Page 3 of 3

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 ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:		Belco AIA Fed #1 1RP-3711/3903		Turn Around											
Project Number:		213859		☐ Routine ☒ Rush											
Project Location		Lea Co. NM		Due Date:		72 HRS									
Sampler's Name:		Conner Moehring		TAT starts the day received by the lab, if received by 4:30pm											
PO #:															
SAMPLE RECEIPT		Temp Blank:		Yes		No		Wet Ice:		Yes		No			
Received intact:		Glad		No				Thermometer ID:				128			
Cooler Custody Seals:		Yes		No		MIA		Correction Factor:				5			
Sample Custody Seals:		Yes		No		N/A		Temperature Reading:				3-8			
Total Containers:								Corrected Temperature:				4.3			
Parameters															
BTEX 8021B															
8015M (GRO + DRO + MRO)															
Chlordie 300.0															
HOLD															
None: NO				DI Water: H ₂ O											
Cool: Cool				MeOH: Me											
HCL: HC				HNO ₃ : HN											
H ₂ SO ₄ : H ₂				NaOH: Na											
H ₃ PO ₄ : HP															
NaHSO ₄ : NABIS															
Na ₂ S ₂ O ₃ : NaSO ₃															
Zn Acetate+NaOH: Zn															
NaOH+Ascorbic Acid: SAPC															

[illegible]

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>	2/24/21 1045	2		
3			4		
5			6		

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: NT Global

Date/ Time Received: 02.24.2021 10.45.00 AM

Work Order #: 689047

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	4.3
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles?	N/A
#6 *Custody Seals Signed and dated?	N/A
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	N/A
#18 Water VOC samples have zero headspace?	N/A

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:

PH Device/Lot#:

Checklist completed by:



Brianna Teel

Date: 02.24.2021

Checklist reviewed by:



Jessica Kramer

Date: 02.25.2021

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 70829

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 70829
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	None	1/4/2023