



Site Information

Closure Report

Osprey BPS St #1H 2RP-1645

**Unit M Sec 23 T25S R26E
2RP-1645**

32.08078°, -104.32211°

Produced Water Release

Source: Discharge from water pump due to failed generator

Release Date: 4/26/2013

Volume Released: 360 bbls/PW

Volume Recovered: 320 bbls/PW

Prepared for:

EOG Resources

5509 Champions Dr.

Midland, TX 79706

Prepared by:

NTG Environmental

701 Tradewinds Blvd

Suite C

Midland, TX 79707



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701 Tradewinds Boulevard, Suite C
Midland, Texas 79706
Tel. 432.685.3898
www.ntglobal.com

March 29, 2021

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

**Re: Closure Report
Osprey BPS State #1H 2RP-1645
EOG Resources Inc.
Site Location: Unit M, S32, T25S, R26E
(Lat 32.08078°, Long -104.32211°)
Eddy County, New Mexico**

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment activities for the Osprey BPS State #1H 2RP-1645. The site is located at 32.08078°, -104.32211° within Unit M, S32, T25S, R26E, and approximately 7.24 miles southeast of White City, New Mexico, in Eddy County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on April 26, 2013. It resulted in the release of approximately 360 barrels of produced water due to a discharge water pump failure, and approximately 320 barrels of produced water were recovered. The impacted area occurred off the production pad and measured approximately 30' x 30', as shown on Figure 3. The initial C-141 form is attached in Appendix A.

Site Characterization

The site is in a critical karst area. There are no known water sources within ½ miles radius of the location. No water wells are listed within Section 32 on the New Mexico Office of State Engineer's database or the USGS database. The nearest well is in Section 25 on the USGS database around 2.36 miles Northeast of the site and has a reported depth to groundwater of 14' below surface. See Appendix A for the groundwater data.

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: 100 mg/kg (GRO + DRO + MRO).
- Chloride 600 mg/kg

Site Assessment

On March 3, 2021, NTGE conducted site assessment activities to assess soil impacts resulting from the release. A total of two (2) sample points were advanced to depths ranging from 0.5 – 3.5 ft bgs within and surrounding the release area to assess the vertical and horizontal extent of potential impacts. The soil sample locations are shown on figure 3.

The soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Xenco Laboratories in Midland, Texas, for chemical analysis. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015 modified, benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports containing analytical methods, results, and chain-of-custody documents are attached in Appendix C. The analytical results are provided in Table 1.

All samples are below the NMOCD regulatory criteria for TPH, BTEX, and chloride based on the analytical results.

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

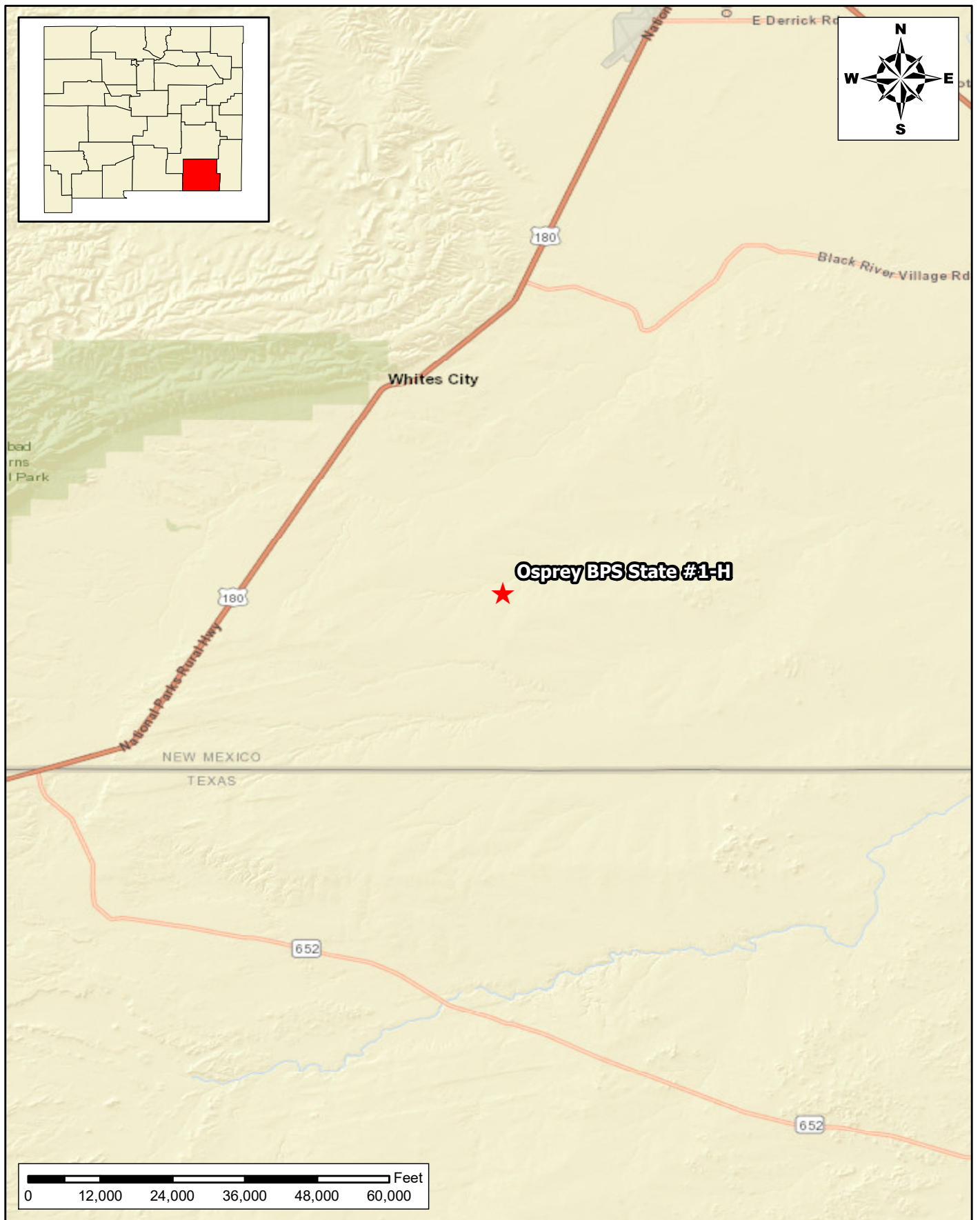


Conner Moehring
Project Manager



Figures

Document Path: P:\2021 PROJECTS\EOG213976 - Osprey BPS State #001H 2RP-1645\7 - Figures\GIS\Geodatabase\Figure_1_Site_02282021.mxd



SITE LOCATION MAP
EOG RESOURCES
OSPREY BPS STATE #001H 2RP-1645
EDDY COUNTY, NM
32.08078, -104.32211

SCALE: AS SHOWN DATE: 02/28/2021 PROJECT #: 213976

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



NOTES:

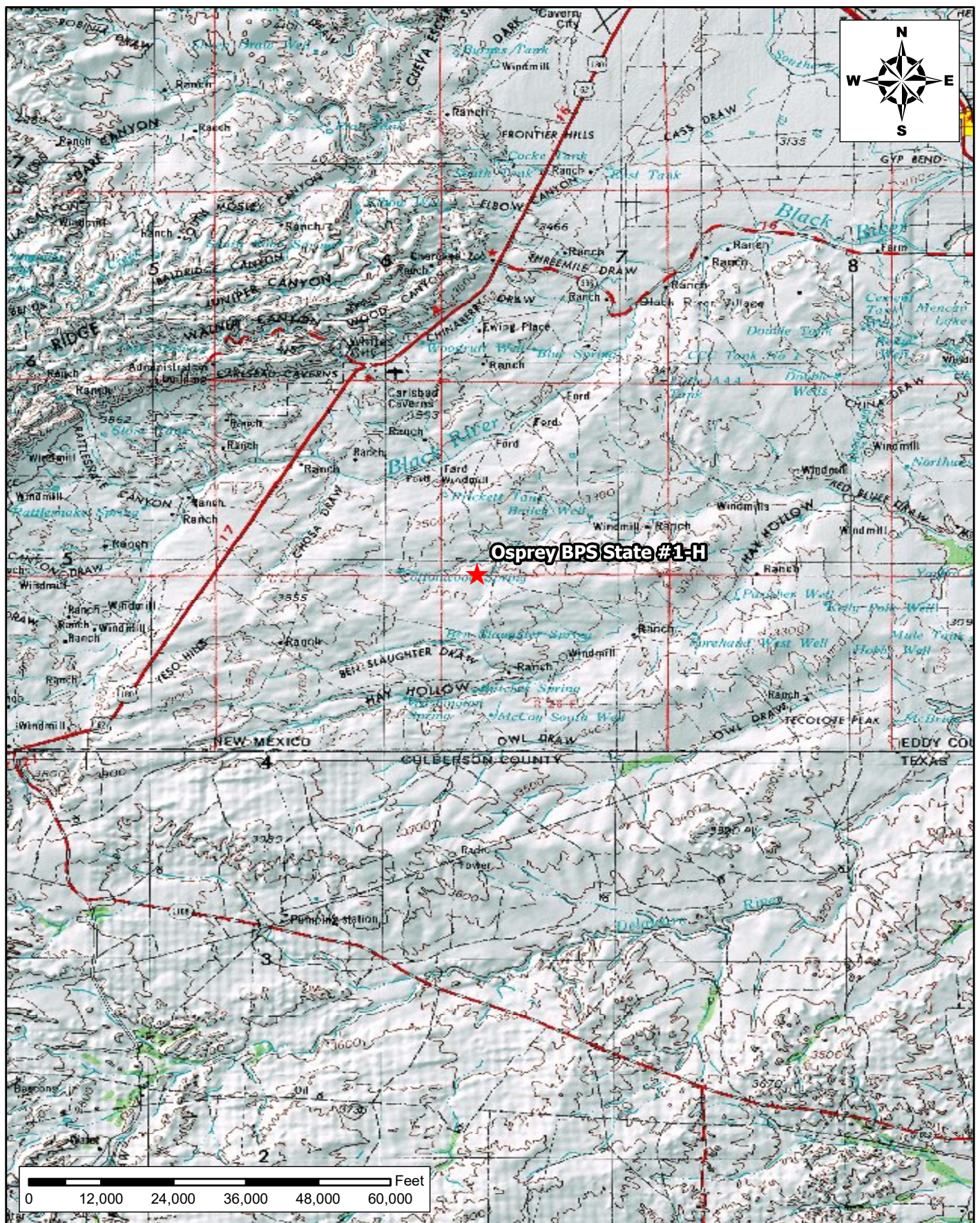
1. Base Image: ESRI Maps & Data 2016
2. Map Projection: NAD 1983



Site Location

FIGURE 1

Document Path: P:\2021 PROJECTS\EOG213976 - Osprey BPS State #001H 2RP-16457 - Figures\GIS\Geodatabase\Figure_2_AREA_02282021.mxd



AREA MAP
 EOG RESOURCES
 OSPREY BPS STATE #001H 2RP-1645
 EDDY COUNTY, NM
 32.08078, -104.32211

SCALE: AS SHOWN DATE: 02/28/2021 PROJECT #: 213976

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NOTES:

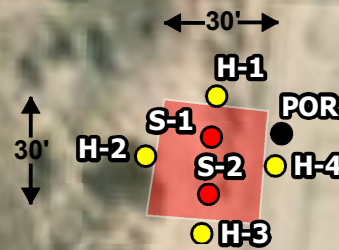
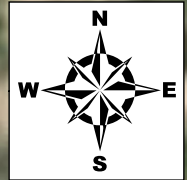
1. Base Image: ESRI Maps & Data 2016
2. Map Projection: NAD 1983



Site Location

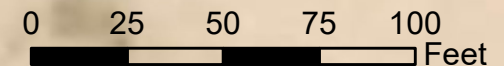
FIGURE 3

Sample ID	Latitude	Longitude
Point of Release		
POR	32.08117	-104.32327
Horizontal Samples		
H-1	32.08119	-104.32333
H-2	32.08116	-104.32338
H-3	32.08111	-104.32334
H-4	32.08115	-104.32328
Sample Points		
S-1	32.08117	-104.32333
S-2	32.08113	-104.32333



Legend

- Sample Point
- Horizontal Sample
- Point of Release
- Impacted Area



SAMPLE LOCATION MAP OSPREY BPS STATE #001 2RP-1645 EOG RESOURCES INC EDDY COUNTY, NEW MEXICO

SCALE: AS SHOWN

DATE: 03/18/2021

PROJECT #: 213976



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NOTES:

1. Base Image: ESRI Maps and Data 2017 (DigitalGlobe 2016 0.5m Digital Orthophoto)
2. Map Projection: NAD 1983



Tables

Table 1
EOG Resources
Osprey BPS State 1H
Eddy County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	3/3/2021	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	272
	"	1-1.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	191
	"	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	131
S-2	3/3/2021	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	389
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	171
	"	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	112
	"	3-3.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	98
H-1	3/3/2021	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	12.5
H-2	3/3/2021	0-1	57.1	<49.9	<49.9	57.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	84.5
H-3	3/3/2021	0-1	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	92.8
H-4	3/3/2021	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	9.77
Background 1	3/3/2021	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	8.76
Regulatory Limits						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons



Photo Log

PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: Osprey BPS St. #1H

County: Eddy County, New Mexico

Description:

View North, areas of Sample Points (1-2)



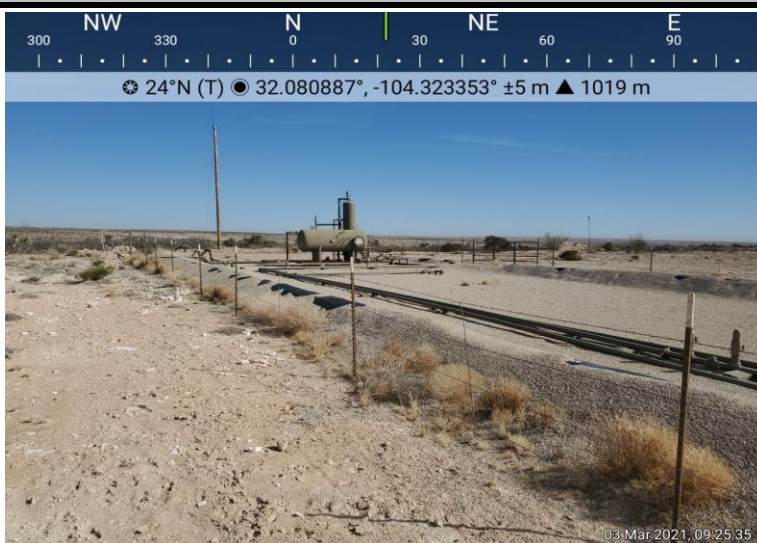
Photograph No. 2

Facility: Osprey BPS St. #1H 2RP-1645

County: Eddy County, New Mexico

Description:

View North, areas of Sample Points (1-2)



Photograph No. 3

Facility: Osprey BPS St. #1H 2RP-1645

County: Eddy County, New Mexico

Description:

View South, of lined the facility





Appendix A

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

RECEIVED

MAY 06 2013

NMOCD ARTESIA

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 1.16 on back
side of form

Release Notification and Corrective Action

JMW1312742172

OPERATOR☒ Initial Report ☐ Final Report

Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Robert Asher
Address 104 S. 4 TH Street		Telephone No. 575-748-1471
Facility Name Osprey BPS State #1-H	API Number 30-015-37552	Facility Type Battery

Surface Owner State	Mineral Owner State	Lease No. VA-7312
------------------------	------------------------	----------------------

LOCATION OF RELEASE

Unit Letter M	Section 32	Township 25S	Range 26E	Feet from the 660	North/South Line South	Feet from the 330	East/West Line West	County Eddy
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Latitude 32.08078 Longitude 104.32211

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 360 B/PW	Volume Recovered 320 B/PW
Source of Release Discharge water pump	Date and Hour of Occurrence 4/26/2013; AM	Date and Hour of Discovery 4/26/2013; AM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mike Bratcher/NMOCD District II	
By Whom? Robert Asher/Yates Petroleum Corporation	Date and Hour 4/26/2013; AM	
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.*

Discharge water pump failed to start because generator not operational. Generator started up to begin produced water transport. Vacuum trucks called.

Describe Area Affected and Cleanup Action Taken.*

An approximate area of 30' X 30' (outside of production pad). 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 is 0) a Final Report, C-141 will be submitted to the OCD requesting closure. If the analytical results are above the RRAL a work plan will be submitted to the OCD. **Depth to Ground Water: >100' (118', Section 22, T25S-R26E, NMOSE), Wellhead Protection Area: No, Distance to Surface Water Body: > 1000', SITE RANKING IS 0.**

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:



Printed Name: Robert Asher

Title: NM Environmental Regulatory Supervisor

E-mail Address: boba@yatespetroleum.com

Date: Monday, May 06, 2013

Phone: 575-748-4021

OIL CONSERVATION DIVISION

Approved by District Supervisor:

Signed By



MAY 07 2013

Approval Date:

Expiration Date:

Conditions of Approval:

Remediation per OCD Rule &
Guidelines. **SUBMIT REMEDIATION
PROPOSAL NO LATER THAN:**

Attached ☐

June 7, 2013

2RP-1645

* Attach Additional Sheets If Necessary

Incident ID	
District RP	2RP-1645
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>14</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.

Oil Conservation Division

Incident ID	
District RP	2RP-1645
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: 3/29/2021

email: james_kennedy@eogresources.com

Telephone: 432.848.9146

OCD Only

Received by: _____

Date: _____

Incident ID	nJMW1312742172
District RP	2RP-1645
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: 3/29/2021

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: Bradford Billings

Date: 01/24/2022

Printed Name: Bradford Billings

Title: E.Spec.A



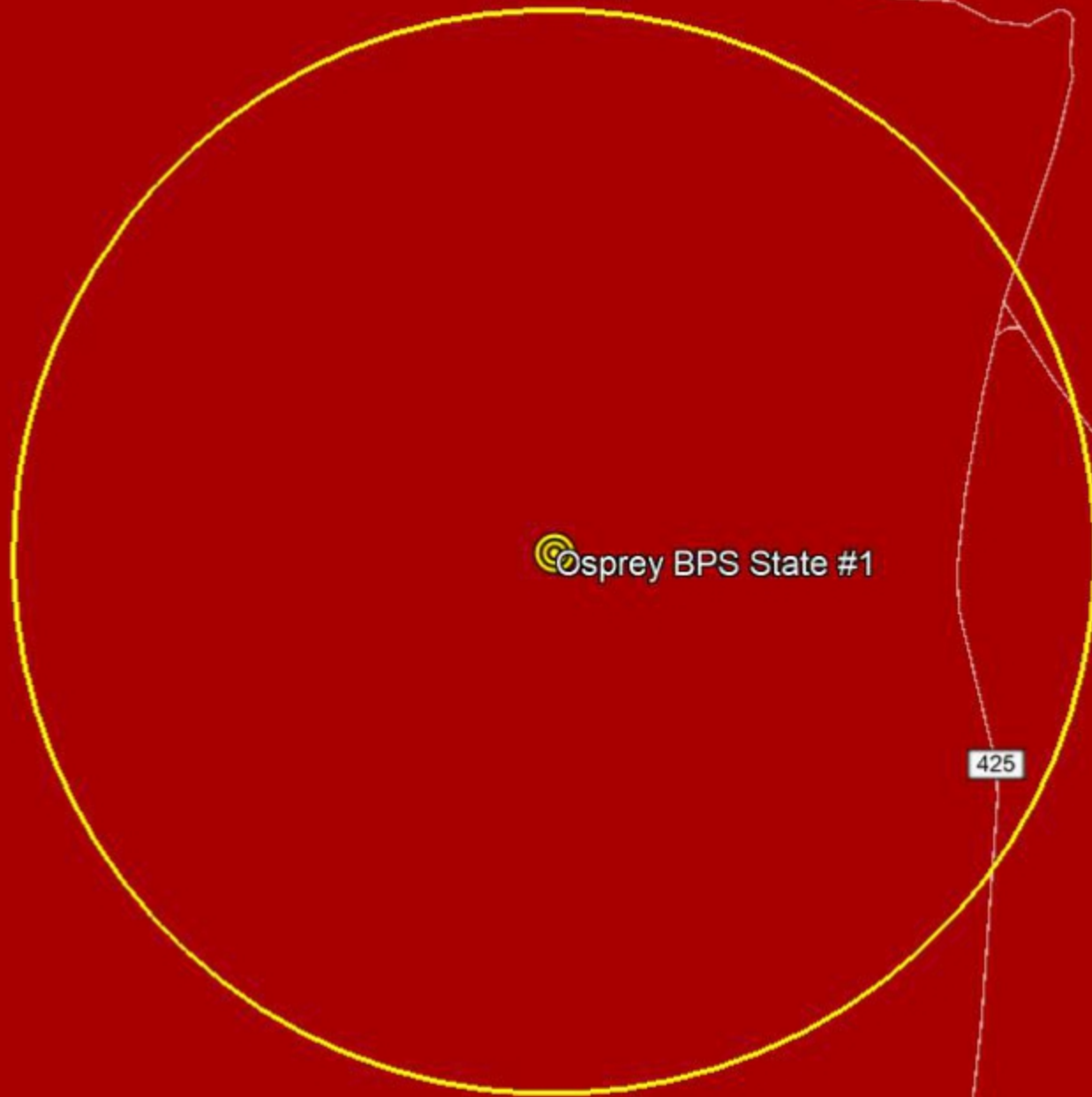
Appendix B

Critical Karst

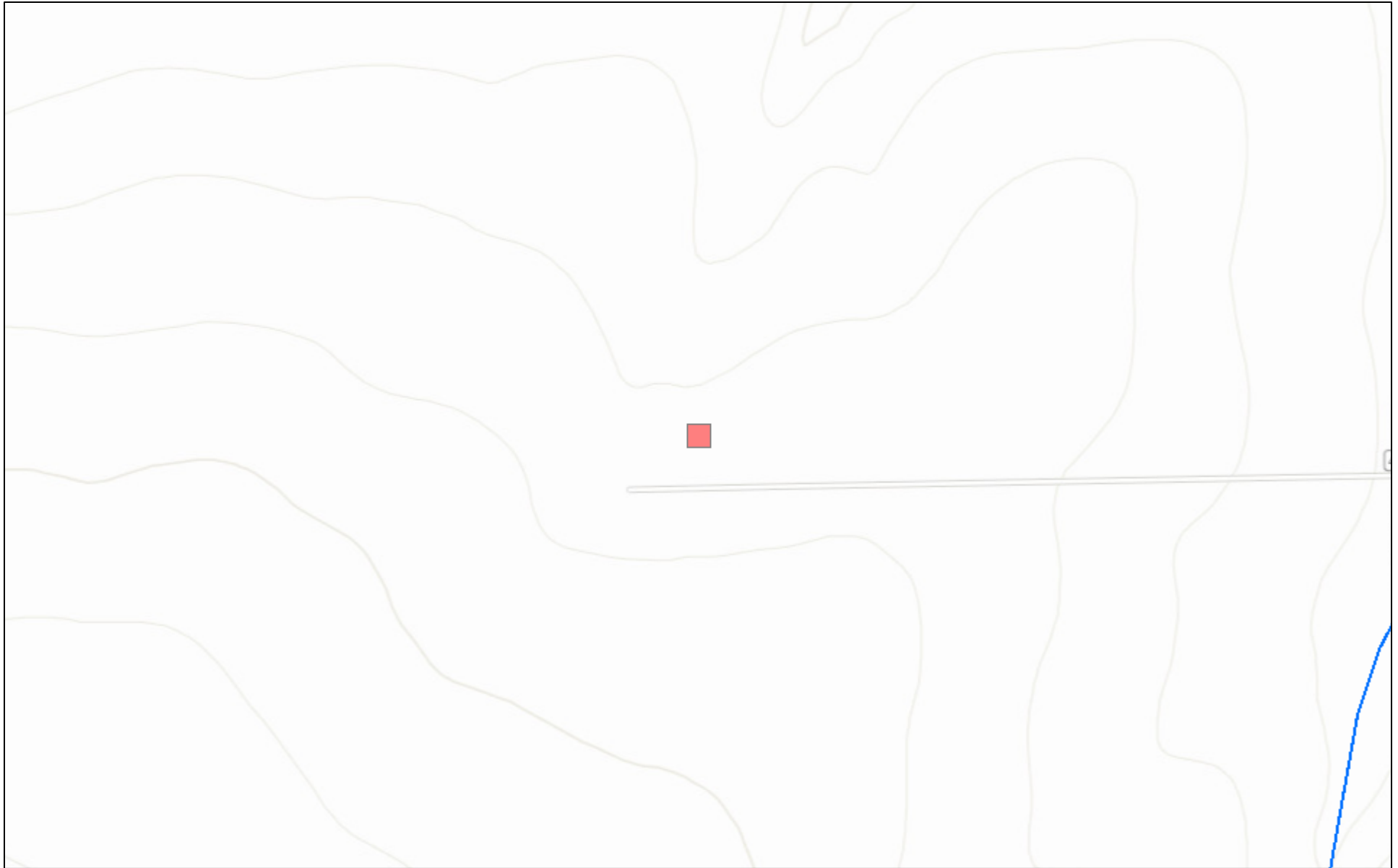
EOG Resources
Osprey BPS St #1
2RP-1645

Legend

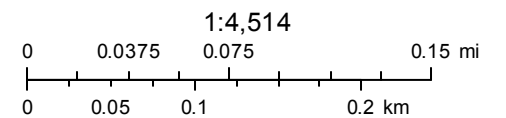
- 0.50 Mile Radius
- CRIT
- Osprey BPS State #1



New Mexico NFHL Data



March 18, 2021

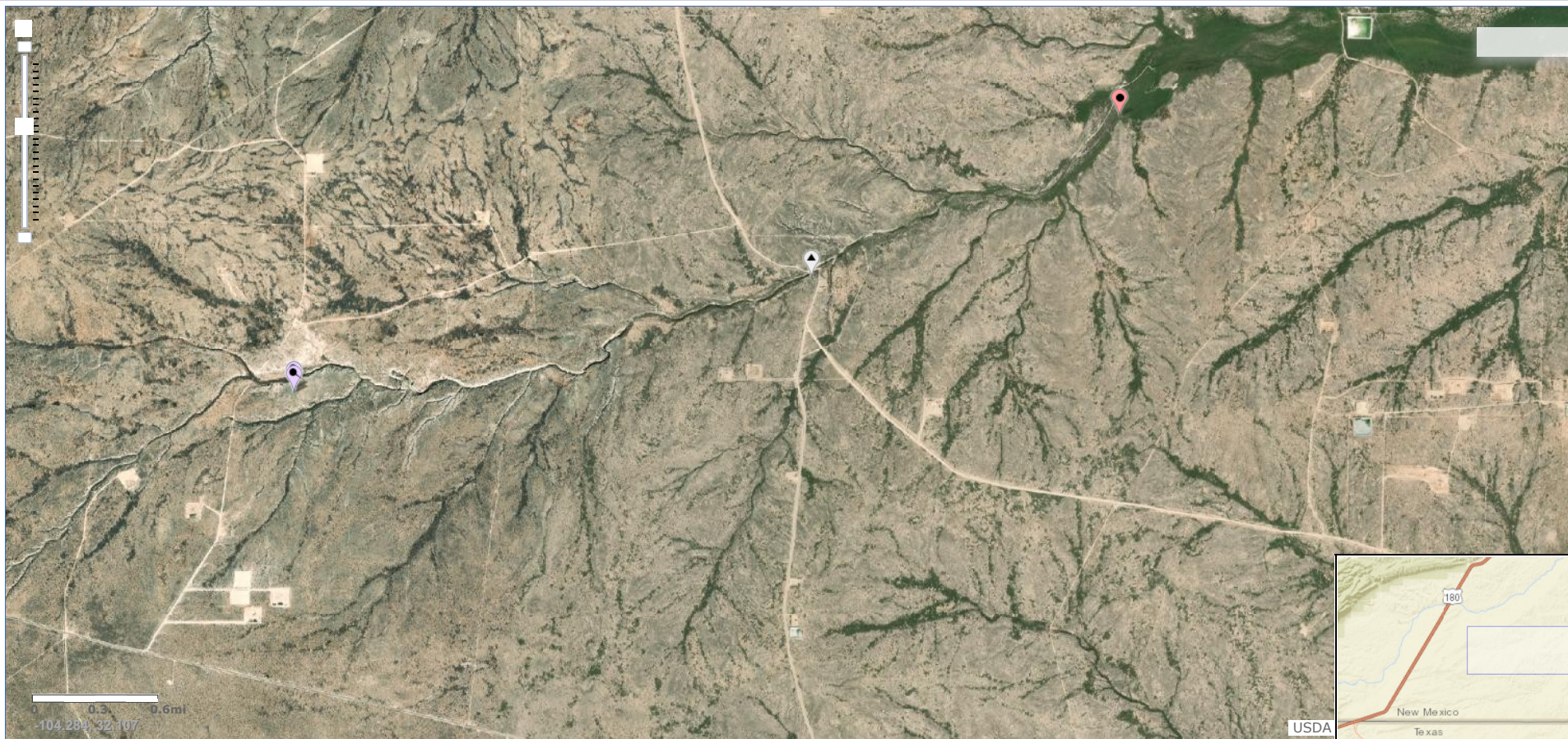


FEMA
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,



USG
Cont
Sear

National Water Information System: Mapper



Site Information



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 01013	C	ED		4	25	25S	26E			571505	3551456*	245		
C 01089	C	ED		3	4	1	03	25S	26E	567505	3558398*	96	45	51
C 01368	C	ED		1	1	22	25S	26E		567261	3554059*	143	118	25
C 02220	CUB	ED		3	1	2	26	25S	26E	569598	3552352*	35		
C 02221	CUB	ED		4	3	2	25	25S	26E	571412	3551961*	35		
C 02675	C	ED		1	4	1	09	25S	26E	565907	3556978*	180	45	135
C 03258	C	ED		1	1	4	07	25S	26E	563073	3556546*	360		
C 03285	C	ED		4	4	2	07	25S	26E	563713	3556658	84	60	24
C 03569 POD1	CUB	ED		2	1	1	14	25S	26E	568862	3555746	30	0	30
C 03654 POD1	CUB	ED		2	3	1	24	25S	26E	570654	3553773			
C 03654 POD2	CUB	ED		2	3	1	24	25S	26E	554766	3562304			
C 03655 POD1	CUB	ED			4	22	25S	26E		550692	3561324			
C 03655 POD2	CUB	ED			4	22	25S	26E		550732	3561337			
C 03655 POD3	CUB	ED		1	4	4	22	25S	26E	568458	3553019			
C 03655 POD4	CUB	ED			4	22	25S	26E		550684	3561362			
C 04036 POD1	C	ED		1	4	3	06	25S	26E	562745	3557733	160	125	35
C 04049 POD1	CUB	ED		3	2	3	06	25S	26E	562592	3557864	165	120	45
C 04050 POD1	CUB	ED		1	4	3	06	25S	26E	562695	3557776	165	125	40
C 04329 POD1	C	ED		2	2	2	27	25S	26E	568577	3552567	57	14	43

Average Depth to Water: **72 feet**

Minimum Depth: **0 feet**

Maximum Depth: **125 feet**

Record Count: 19

PLSS Search:

Township: 25S

Range: 26E

*UTM location was derived from PLSS - see Help

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

3/18/21 12:54 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320559104172201

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320559104172201 25S.26E.28.423113

Eddy County, New Mexico
Latitude 32°05'59", Longitude 104°17'22" NAD27
Land-surface elevation 3,283 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1983-02-01		D	62610		3266.82	NGVD29	1	Z			A
1983-02-01		D	62611		3268.50	NAVD88	1	Z			A
1983-02-01		D	72019	14.50			1	Z			A
1987-10-08		D	62610		3268.06	NGVD29	1	Z			A
1987-10-08		D	62611		3269.74	NAVD88	1	Z			A
1987-10-08		D	72019	13.26			1	Z			A
1992-11-19		D	62610		3267.10	NGVD29	3	S			A
1992-11-19		D	62611		3268.78	NAVD88	3	S			A
1992-11-19		D	72019	14.22			3	S			A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	3	Above
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined



Appendix C

Certificate of Analysis Summary 690341

NT Global, Midland, TX

Project Name: Osprey BPS State 1H 2RP-1645

Project Id: 213976
Contact: Mike Carmona
Project Location: Eddy Co, NM

Date Received in Lab: Thu 03.04.2021 09:58

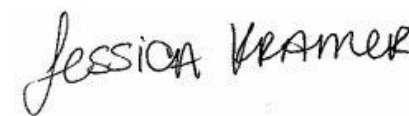
Report Date: 03.09.2021 18:24

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	690341-001	690341-002	690341-003	690341-004	690341-005	690341-006
	<i>Field Id:</i>	S-1 (0-1')	S-1 (1-1.5')	S-1 (2-2.5')	S-2 (0-1')	S-2 (1-1.5')	S-2 (2-2.5')
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	03.03.2021 00:00	03.03.2021 00:00	03.03.2021 00:00	03.03.2021 00:00	03.03.2021 00:00	03.03.2021 00:00
BTEX by EPA 8021B	<i>Extracted:</i>	03.05.2021 17:00	03.05.2021 17:00	03.05.2021 17:00	03.05.2021 17:00	03.05.2021 17:00	03.05.2021 16:15
	<i>Analyzed:</i>	03.07.2021 07:34	03.07.2021 08:00	03.07.2021 08:26	03.07.2021 08:52	03.07.2021 09:17	03.06.2021 08:57
	<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	<0.00198 0.00198
Toluene		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00198 0.00198
Ethylbenzene		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00198 0.00198
m,p-Xylenes		<0.00398 0.00398	<0.00398 0.00398	<0.00399 0.00399	<0.00401 0.00401	<0.00402 0.00402	<0.00396 0.00396
o-Xylene		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00198 0.00198
Total Xylenes		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00198 0.00198
Total BTEX		<0.00199 0.00199	<0.00199 0.00199	<0.00200 0.00200	<0.00200 0.00200	<0.00201 0.00201	<0.00198 0.00198
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	03.04.2021 19:20	03.04.2021 19:20	03.07.2021 13:30	03.07.2021 13:30	03.07.2021 13:30	03.07.2021 13:30
	<i>Analyzed:</i>	03.05.2021 09:28	03.05.2021 09:33	03.07.2021 14:31	03.07.2021 14:49	03.07.2021 14:55	03.07.2021 15:00
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		272 50.2	191 49.8	131 49.8	389 49.6	171 50.4	112 49.6
TPH By SW8015 Mod	<i>Extracted:</i>	03.05.2021 12:00	03.05.2021 12:00	03.05.2021 12:00	03.05.2021 12:00	03.05.2021 12:00	03.05.2021 12:00
	<i>Analyzed:</i>	03.05.2021 12:45	03.05.2021 13:49	03.05.2021 14:10	03.05.2021 14:31	03.05.2021 14:52	03.05.2021 15:13
	<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	<49.8 49.8	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0
Diesel Range Organics (DRO)		<50.0 50.0	<49.8 49.8	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<49.8 49.8	<49.9 49.9	<50.0 50.0	<50.0 50.0	<50.0 50.0
Total TPH		<50.0 50.0	<49.8 49.8	<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



Certificate of Analysis Summary 690341

NT Global, Midland, TX

Project Name: Osprey BPS State 1H 2RP-1645

Project Id: 213976
 Contact: Mike Carmona
 Project Location: Eddy Co, NM

Date Received in Lab: Thu 03.04.2021 09:58
 Report Date: 03.09.2021 18:24
 Project Manager: Jessica Kramer

Analysis Requested	Lab Id: 690341-007 Field Id: S-2 (3-3.5') Depth: Matrix: SOIL Sampled: 03.03.2021 00:00					
BTEX by EPA 8021B	Extracted: 03.05.2021 16:15 Analyzed: 03.06.2021 09:18 Units/RL: mg/kg RL					
Benzene	<0.00199 0.00199					
Toluene	<0.00199 0.00199					
Ethylbenzene	<0.00199 0.00199					
m,p-Xylenes	<0.00398 0.00398					
o-Xylene	<0.00199 0.00199					
Total Xylenes	<0.00199 0.00199					
Total BTEX	<0.00199 0.00199					
Inorganic Anions by EPA 300/300.1	Extracted: 03.07.2021 13:30 Analyzed: 03.07.2021 15:06 Units/RL: mg/kg RL					
Chloride	98.2 50.0					
TPH By SW8015 Mod	Extracted: 03.05.2021 12:00 Analyzed: 03.05.2021 15:34 Units/RL: mg/kg RL					
Gasoline Range Hydrocarbons (GRO)	<49.8 49.8					
Diesel Range Organics (DRO)	<49.8 49.8					
Motor Oil Range Hydrocarbons (MRO)	<49.8 49.8					
Total TPH	<49.8 49.8					

BRL - Below Reporting Limit

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



Analytical Report 690341

for

NT Global

Project Manager: Mike Carmona

Osprey BPS State 1H 2RP-1645

213976

03.09.2021

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)



03.09.2021

Project Manager: **Mike Carmona**

NT Global

701 Tradewinds Blvd

Midland, TX 79706

Reference: Eurofins Xenco, LLC Report No(s): **690341**

Osprey BPS State 1H 2RP-1645

Project Address: Eddy 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) 690341. 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. 690341 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 690341****NT Global, Midland, TX**

Osprey BPS State 1H 2RP-1645

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
S-1 (0-1')	S	03.03.2021 00:00		690341-001
S-1 (1-1.5')	S	03.03.2021 00:00		690341-002
S-1 (2-2.5')	S	03.03.2021 00:00		690341-003
S-2 (0-1')	S	03.03.2021 00:00		690341-004
S-2 (1-1.5')	S	03.03.2021 00:00		690341-005
S-2 (2-2.5')	S	03.03.2021 00:00		690341-006
S-2 (3-3.5')	S	03.03.2021 00:00		690341-007

**CASE NARRATIVE****Client Name: NT Global****Project Name: Osprey BPS State 1H 2RP-1645**

Project ID: 213976
Work Order Number(s): 690341

Report Date: 03.09.2021
Date Received: 03.04.2021

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3152788 BTEX by EPA 8021B

Lab Sample ID 690341-006 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Ethylbenzene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Toluene recovered below QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 690341-006, -007.

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

Batch: LBA-3152791 BTEX by EPA 8021B

Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected; Samples affected are: 690341-005,690341-004.



Certificate of Analytical Results 690341

NT Global, Midland, TX
Osprey BPS State 1H 2RP-1645

Sample Id: **S-1 (0-1')**
 Lab Sample Id: 690341-001

Matrix: Soil
 Date Collected: 03.03.2021 00:00

Date Received: 03.04.2021 09:58

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.04.2021 19:20

% Moisture:
 Basis: Wet Weight

Seq Number: 3152661

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	272	50.2	mg/kg	03.05.2021 09:28		10

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.05.2021 12:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3152844

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.05.2021 12:45	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.05.2021 12:45	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.05.2021 12:45	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.05.2021 12:45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	03.05.2021 12:45	
o-Terphenyl	84-15-1	105	%	70-130	03.05.2021 12:45	



Certificate of Analytical Results 690341

NT Global, Midland, TX
Osprey BPS State 1H 2RP-1645

Sample Id: **S-1 (0-1')**
 Lab Sample Id: 690341-001

Matrix: Soil
 Date Collected: 03.03.2021 00:00

Date Received: 03.04.2021 09:58

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 03.05.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3152791

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.07.2021 07:34	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.07.2021 07:34	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.07.2021 07:34	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.07.2021 07:34	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.07.2021 07:34	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.07.2021 07:34	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.07.2021 07:34	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	91	%	70-130	03.07.2021 07:34		
4-Bromofluorobenzene	460-00-4	122	%	70-130	03.07.2021 07:34		



Certificate of Analytical Results 690341

NT Global, Midland, TX
Osprey BPS State 1H 2RP-1645

Sample Id: **S-1 (1-1.5')**

Matrix: Soil

Date Received: 03.04.2021 09:58

Lab Sample Id: 690341-002

Date Collected: 03.03.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.04.2021 19:20

% Moisture:

Seq Number: 3152661

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	191	49.8	mg/kg	03.05.2021 09:33		10

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.05.2021 12:00

% Moisture:

Seq Number: 3152844

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	03.05.2021 13:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	03.05.2021 13:49	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	03.05.2021 13:49	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	03.05.2021 13:49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	03.05.2021 13:49	
o-Terphenyl	84-15-1	106	%	70-130	03.05.2021 13:49	



Certificate of Analytical Results 690341

NT Global, Midland, TX
Osprey BPS State 1H 2RP-1645

Sample Id: **S-1 (1-1.5')**

Matrix: Soil

Date Received: 03.04.2021 09:58

Lab Sample Id: 690341-002

Date Collected: 03.03.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 03.05.2021 17:00

% Moisture:

Seq Number: 3152791

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.07.2021 08:00	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.07.2021 08:00	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.07.2021 08:00	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.07.2021 08:00	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.07.2021 08:00	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.07.2021 08:00	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.07.2021 08:00	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	122	%	70-130	03.07.2021 08:00		
1,4-Difluorobenzene	540-36-3	91	%	70-130	03.07.2021 08:00		



Certificate of Analytical Results 690341

NT Global, Midland, TX
Osprey BPS State 1H 2RP-1645

Sample Id: **S-1 (2-2.5')**

Matrix: Soil

Date Received: 03.04.2021 09:58

Lab Sample Id: 690341-003

Date Collected: 03.03.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.07.2021 13:30

% Moisture:

Seq Number: 3152755

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	131	49.8	mg/kg	03.07.2021 14:31		10

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.05.2021 12:00

% Moisture:

Seq Number: 3152844

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.05.2021 14:10	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.05.2021 14:10	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.05.2021 14:10	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.05.2021 14:10	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	03.05.2021 14:10	
o-Terphenyl	84-15-1	108	%	70-130	03.05.2021 14:10	



Certificate of Analytical Results 690341

NT Global, Midland, TX
Osprey BPS State 1H 2RP-1645

Sample Id: **S-1 (2-2.5')**

Matrix: Soil

Date Received: 03.04.2021 09:58

Lab Sample Id: 690341-003

Date Collected: 03.03.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 03.05.2021 17:00

% Moisture:

Seq Number: 3152791

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.07.2021 08:26	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.07.2021 08:26	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.07.2021 08:26	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.07.2021 08:26	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.07.2021 08:26	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.07.2021 08:26	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.07.2021 08:26	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	90	%	70-130	03.07.2021 08:26		
4-Bromofluorobenzene	460-00-4	120	%	70-130	03.07.2021 08:26		



Certificate of Analytical Results 690341

NT Global, Midland, TX
Osprey BPS State 1H 2RP-1645

Sample Id: **S-2 (0-1')**
 Lab Sample Id: 690341-004

Matrix: Soil
 Date Collected: 03.03.2021 00:00

Date Received: 03.04.2021 09:58

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.07.2021 13:30

% Moisture:
 Basis: Wet Weight

Seq Number: 3152755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	389	49.6	mg/kg	03.07.2021 14:49		10

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.05.2021 12:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3152844

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.05.2021 14:31	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.05.2021 14:31	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.05.2021 14:31	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.05.2021 14:31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	03.05.2021 14:31	
o-Terphenyl	84-15-1	104	%	70-130	03.05.2021 14:31	



Certificate of Analytical Results 690341

NT Global, Midland, TX
Osprey BPS State 1H 2RP-1645

Sample Id: **S-2 (0-1')**
 Lab Sample Id: 690341-004

Matrix: Soil
 Date Collected: 03.03.2021 00:00

Date Received: 03.04.2021 09:58

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 03.05.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3152791

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.07.2021 08:52	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.07.2021 08:52	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.07.2021 08:52	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	03.07.2021 08:52	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.07.2021 08:52	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.07.2021 08:52	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.07.2021 08:52	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	101	%	70-130	03.07.2021 08:52		
4-Bromofluorobenzene	460-00-4	148	%	70-130	03.07.2021 08:52	**	



Certificate of Analytical Results 690341

NT Global, Midland, TX
Osprey BPS State 1H 2RP-1645

Sample Id: **S-2 (1-1.5')**

Matrix: Soil

Date Received: 03.04.2021 09:58

Lab Sample Id: 690341-005

Date Collected: 03.03.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.07.2021 13:30

% Moisture:

Seq Number: 3152755

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	171	50.4	mg/kg	03.07.2021 14:55		10

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.05.2021 12:00

% Moisture:

Seq Number: 3152844

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.05.2021 14:52	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.05.2021 14:52	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.05.2021 14:52	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.05.2021 14:52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	03.05.2021 14:52	
o-Terphenyl	84-15-1	107	%	70-130	03.05.2021 14:52	



Certificate of Analytical Results 690341

NT Global, Midland, TX
Osprey BPS State 1H 2RP-1645

Sample Id: **S-2 (1-1.5')**
 Lab Sample Id: 690341-005

Matrix: Soil
 Date Collected: 03.03.2021 00:00

Date Received: 03.04.2021 09:58

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 03.05.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3152791

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	03.07.2021 09:17	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	03.07.2021 09:17	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	03.07.2021 09:17	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	03.07.2021 09:17	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	03.07.2021 09:17	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	03.07.2021 09:17	U	1
Total BTEX		<0.00201	0.00201	mg/kg	03.07.2021 09:17	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	104	%	70-130	03.07.2021 09:17		
4-Bromofluorobenzene	460-00-4	137	%	70-130	03.07.2021 09:17	**	



Certificate of Analytical Results 690341

NT Global, Midland, TX
Osprey BPS State 1H 2RP-1645

Sample Id: S-2 (2-2.5')

Matrix: Soil

Date Received: 03.04.2021 09:58

Lab Sample Id: 690341-006

Date Collected: 03.03.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.07.2021 13:30

% Moisture:

Seq Number: 3152755

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	112	49.6	mg/kg	03.07.2021 15:00		10

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.05.2021 12:00

% Moisture:

Seq Number: 3152844

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.05.2021 15:13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.05.2021 15:13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.05.2021 15:13	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.05.2021 15:13	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	107	%	70-130	03.05.2021 15:13		
o-Terphenyl	84-15-1	112	%	70-130	03.05.2021 15:13		



Certificate of Analytical Results 690341

NT Global, Midland, TX
Osprey BPS State 1H 2RP-1645

Sample Id: **S-2 (2-2.5')**
 Lab Sample Id: 690341-006

Matrix: **Soil**
 Date Collected: 03.03.2021 00:00

Date Received: 03.04.2021 09:58

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: **KTL**

Analyst: **KTL**

Date Prep: 03.05.2021 16:15

% Moisture:
 Basis: **Wet Weight**

Seq Number: 3152788

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	03.06.2021 08:57	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	03.06.2021 08:57	UX	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	03.06.2021 08:57	UX	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	03.06.2021 08:57	UX	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	03.06.2021 08:57	UX	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	03.06.2021 08:57	U	1
Total BTEX		<0.00198	0.00198	mg/kg	03.06.2021 08:57	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	99	%	70-130	03.06.2021 08:57		
1,4-Difluorobenzene	540-36-3	97	%	70-130	03.06.2021 08:57		



Certificate of Analytical Results 690341

NT Global, Midland, TX
Osprey BPS State 1H 2RP-1645

Sample Id: **S-2 (3-3.5')**

Matrix: Soil

Date Received: 03.04.2021 09:58

Lab Sample Id: 690341-007

Date Collected: 03.03.2021 00:00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.07.2021 13:30

% Moisture:

Seq Number: 3152755

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	98.2	50.0	mg/kg	03.07.2021 15:06		10

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.05.2021 12:00

% Moisture:

Seq Number: 3152844

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	03.05.2021 15:34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	03.05.2021 15:34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	03.05.2021 15:34	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	03.05.2021 15:34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	03.05.2021 15:34	
o-Terphenyl	84-15-1	107	%	70-130	03.05.2021 15:34	



Certificate of Analytical Results 690341

NT Global, Midland, TX
Osprey BPS State 1H 2RP-1645

Sample Id: **S-2 (3-3.5')**

Matrix: **Soil**

Date Received: 03.04.2021 09:58

Lab Sample Id: 690341-007

Date Collected: 03.03.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: **KTL**

Analyst: **KTL**

Date Prep: 03.05.2021 16:15

% Moisture:

Seq Number: 3152788

Basis: **Wet Weight**

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.06.2021 09:18	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.06.2021 09:18	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.06.2021 09:18	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.06.2021 09:18	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.06.2021 09:18	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.06.2021 09:18	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.06.2021 09:18	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	104	%	70-130	03.06.2021 09:18		
1,4-Difluorobenzene	540-36-3	96	%	70-130	03.06.2021 09:18		

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

Osprey BPS State 1H 2RP-1645

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3152661

Matrix: Solid

Prep Method: E300P

Date Prep: 03.04.2021

MB Sample Id: 7722551-1-BLK

LCS Sample Id: 7722551-1-BKS

LCSD Sample Id: 7722551-1-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	242	97	242	97	90-110	0	20	mg/kg	03.05.2021 06:59	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3152755

Matrix: Solid

Prep Method: E300P

Date Prep: 03.07.2021

MB Sample Id: 7722675-1-BLK

LCS Sample Id: 7722675-1-BKS

LCSD Sample Id: 7722675-1-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	257	103	256	102	90-110	0	20	mg/kg	03.07.2021 14:20	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3152661

Matrix: Soil

Prep Method: E300P

Date Prep: 03.04.2021

Parent Sample Id: 690337-009

MS Sample Id: 690337-009 S

MSD Sample Id: 690337-009 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	7.98	250	261	101	262	102	90-110	0	20	mg/kg	03.05.2021 07:15	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3152661

Matrix: Soil

Prep Method: E300P

Date Prep: 03.04.2021

Parent Sample Id: 690339-006

MS Sample Id: 690339-006 S

MSD Sample Id: 690339-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	19.3	249	267	99	268	100	90-110	0	20	mg/kg	03.05.2021 08:29	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3152755

Matrix: Soil

Prep Method: E300P

Date Prep: 03.07.2021

Parent Sample Id: 689815-027

MS Sample Id: 689815-027 S

MSD Sample Id: 689815-027 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1720	1240	3000	103	3000	103	90-110	0	20	mg/kg	03.07.2021 15:58	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3152755

Matrix: Soil

Prep Method: E300P

Date Prep: 03.07.2021

Parent Sample Id: 690341-003

MS Sample Id: 690341-003 S

MSD Sample Id: 690341-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	131	2490	2670	102	2670	102	90-110	0	20	mg/kg	03.07.2021 14:37	

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

Osprey BPS State 1H 2RP-1645

Analytical Method: TPH By SW8015 Mod

Seq Number: 3152844

MB Sample Id: 7722745-1-BLK

Matrix: Solid

LCS Sample Id: 7722745-1-BKS

Prep Method: SW8015P

Date Prep: 03.05.2021

LCSD Sample Id: 7722745-1-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	926	93	919	92	70-130	1	20	mg/kg	03.05.2021 12:03	
Diesel Range Organics (DRO)	<50.0	1000	872	87	874	87	70-130	0	20	mg/kg	03.05.2021 12:03	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	86		87		86		70-130	%	03.05.2021 12:03
o-Terphenyl	87		77		76		70-130	%	03.05.2021 12:03

Analytical Method: TPH By SW8015 Mod

Seq Number: 3152844

Matrix: Solid

Prep Method: SW8015P

Date Prep: 03.05.2021

MB Sample Id: 7722745-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	03.05.2021 11:42	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3152844

Matrix: Soil

Prep Method: SW8015P

Date Prep: 03.05.2021

Parent Sample Id: 690341-001

MS Sample Id: 690341-001 S

MSD Sample Id: 690341-001 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	998	1030	103	1010	101	70-130	2	20	mg/kg	03.05.2021 13:06	
Diesel Range Organics (DRO)	<49.9	998	1000	100	981	98	70-130	2	20	mg/kg	03.05.2021 13:06	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	103		101		70-130	%	03.05.2021 13:06
o-Terphenyl	95		92		70-130	%	03.05.2021 13:06

Analytical Method: BTEX by EPA 8021B

Seq Number: 3152788

Matrix: Solid

Prep Method: SW5035A

Date Prep: 03.05.2021

MB Sample Id: 7722662-1-BLK

LCS Sample Id: 7722662-1-BKS

LCSD Sample Id: 7722662-1-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	0.101	101	0.100	100	70-130	1	35	mg/kg	03.06.2021 06:36	
Toluene	<0.00200	0.100	0.0939	94	0.0936	94	70-130	0	35	mg/kg	03.06.2021 06:36	
Ethylbenzene	<0.00200	0.100	0.0990	99	0.0961	96	70-130	3	35	mg/kg	03.06.2021 06:36	
m,p-Xylenes	<0.00400	0.200	0.197	99	0.188	94	70-130	5	35	mg/kg	03.06.2021 06:36	
o-Xylene	<0.00200	0.100	0.0998	100	0.0960	96	70-130	4	35	mg/kg	03.06.2021 06:36	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	87		103		100		70-130	%	03.06.2021 06:36
4-Bromofluorobenzene	97		106		98		70-130	%	03.06.2021 06:36

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

Osprey BPS State 1H 2RP-1645

Analytical Method: BTEX by EPA 8021B

Seq Number: 3152791

Matrix: Solid

Prep Method: SW5035A

Date Prep: 03.05.2021

MB Sample Id: 7722669-1-BLK

LCS Sample Id: 7722669-1-BKS

LCSD Sample Id: 7722669-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.108	108	0.126	126	70-130	15	35	mg/kg	03.06.2021 20:49	
Toluene	<0.00200	0.100	0.102	102	0.113	113	70-130	10	35	mg/kg	03.06.2021 20:49	
Ethylbenzene	<0.00200	0.100	0.0928	93	0.104	104	70-130	11	35	mg/kg	03.06.2021 20:49	
m,p-Xylenes	<0.00400	0.200	0.190	95	0.213	107	70-130	11	35	mg/kg	03.06.2021 20:49	
o-Xylene	<0.00200	0.100	0.0881	88	0.102	102	70-130	15	35	mg/kg	03.06.2021 20:49	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	76		89		107		70-130	%	03.06.2021 20:49
4-Bromofluorobenzene	94		101		123		70-130	%	03.06.2021 20:49

Analytical Method: BTEX by EPA 8021B

Seq Number: 3152788

Matrix: Soil

Prep Method: SW5035A

Date Prep: 03.05.2021

Parent Sample Id: 690341-006

MS Sample Id: 690341-006 S

MSD Sample Id: 690341-006 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	0.0908	91	0.0771	77	70-130	16	35	mg/kg	03.06.2021 07:17	
Toluene	<0.00200	0.0998	0.0767	77	0.0639	64	70-130	18	35	mg/kg	03.06.2021 07:17	X
Ethylbenzene	<0.00200	0.0998	0.0673	67	0.0522	52	70-130	25	35	mg/kg	03.06.2021 07:17	X
m,p-Xylenes	<0.00399	0.200	0.127	64	0.0980	49	70-130	26	35	mg/kg	03.06.2021 07:17	X
o-Xylene	<0.00200	0.0998	0.0617	62	0.0467	47	70-130	28	35	mg/kg	03.06.2021 07:17	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	104		102		70-130	%	03.06.2021 07:17
4-Bromofluorobenzene	93		92		70-130	%	03.06.2021 07:17

Analytical Method: BTEX by EPA 8021B

Seq Number: 3152791

Matrix: Soil

Prep Method: SW5035A

Date Prep: 03.05.2021

Parent Sample Id: 690338-003

MS Sample Id: 690338-003 S

MSD Sample Id: 690338-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00201	0.100	0.0983	98	0.112	112	70-130	13	35	mg/kg	03.06.2021 21:41	
Toluene	<0.00201	0.100	0.0869	87	0.102	102	70-130	16	35	mg/kg	03.06.2021 21:41	
Ethylbenzene	<0.00201	0.100	0.0791	79	0.0902	90	70-130	13	35	mg/kg	03.06.2021 21:41	
m,p-Xylenes	<0.00402	0.201	0.162	81	0.181	91	70-130	11	35	mg/kg	03.06.2021 21:41	
o-Xylene	<0.00201	0.100	0.0807	81	0.0902	90	70-130	11	35	mg/kg	03.06.2021 21:41	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	105		104		70-130	%	03.06.2021 21:41
4-Bromofluorobenzene	126		128		70-130	%	03.06.2021 21:41

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: 1690341

Page 1 of 1

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: Osprey BPS State 1H 2RP-1645				Turn Around		ANALYSIS REQUEST										Preservative Codes	
Project Number:	213976	☐ Routine	☒ Rush	Due Date:	7/2/21	Pres. Code										None: NO	DI Water: H ₂ O
Project Location:	Eddy CO, NM	TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me
Sampler's Name:	Conner M															HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐	Parameters										H ₃ PO ₄ : HP	
Received intact:	Yes ☒ No ☐	Thermometer ID:				BTEX 8021B										NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:				TPH 8015M (GRO + DRO + MRO)										Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:				Chlordie 300.0										Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont										
S-1 (0-1')		3/3/2021		X		Grab	1	X	X	X							
S-1 (1-1.5')		3/3/2021		X		Grab	1	X	X	X							
S-1 (2-2.5')		3/3/2021		X		Grab	1	X	X	X							
S-2 (0-1')		3/3/2021		X		Grab	1	X	X	X							
S-2 (1-1.5')		3/3/2021		X		Grab	1	X	X	X							
S-2 (2-2.5')		3/3/2021		X		Grab	1	X	X	X							
S-2 (3-3.5')		3/3/2021		X		Grab	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
<i>James Kennedy</i>	<i>James Kennedy</i>	3/4/21			
3		955	2		
5			4		
			6		

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: NT Global

Date/ Time Received: 03.04.2021 09.58.00 AM

Work Order #: 690341

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used :

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	4
#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: 03.04.2021

Checklist reviewed by:



Jessica Kramer

Date: 03.04.2021

Certificate of Analysis Summary 690340

NT Global, Midland, TX

Project Name: Osprey BPS State #1 2RP-1645

Project Id: 213976
Contact: Mike Carmona
Project Location: Lea Co, NM

Date Received in Lab: Thu 03.04.2021 09:58

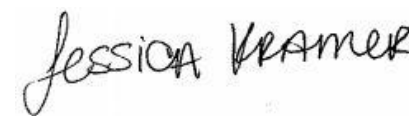
Report Date: 03.25.2021 08:41

Project Manager: Jessica Kramer

<i>Analysis Requested</i>	<i>Lab Id:</i>	690340-001	690340-002	690340-003	690340-004	690340-005	
	<i>Field Id:</i>	H-1 (0-1')	H-2 (0-1')	H-3 (0-1')	H-4 (0-1')	Background (0-1')	
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	
	<i>Sampled:</i>	03.03.2021 00:00	03.03.2021 00:00	03.03.2021 00:00	03.03.2021 00:00	03.03.2021 00:00	
BTEX by EPA 8021B	<i>Extracted:</i>	03.05.2021 17:00	03.05.2021 17:00	03.05.2021 17:00	03.05.2021 17:00	03.05.2021 17:00	
	<i>Analyzed:</i>	03.07.2021 05:24	03.07.2021 05:50	03.07.2021 06:16	03.07.2021 06:42	03.07.2021 07:08	
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Benzene		<0.00201 0.00201	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	
Toluene		<0.00201 0.00201	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	
Ethylbenzene		<0.00201 0.00201	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	
m,p-Xylenes		<0.00402 0.00402	<0.00401 0.00401	<0.00401 0.00401	<0.00399 0.00399	<0.00398 0.00398	
o-Xylene		<0.00201 0.00201	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	
Total Xylenes		<0.00201 0.00201	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	
Total BTEX		<0.00201 0.00201	<0.00200 0.00200	<0.00200 0.00200	<0.00200 0.00200	<0.00199 0.00199	
Inorganic Anions by EPA 300/300.1	<i>Extracted:</i>	03.18.2021 22:00	03.04.2021 19:20	03.04.2021 19:20	03.04.2021 19:20	03.04.2021 19:20	
	<i>Analyzed:</i>	03.19.2021 11:12	03.05.2021 09:06	03.05.2021 09:12	03.05.2021 09:17	03.05.2021 09:22	
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Chloride		12.5 4.96	84.5 50.0	92.8 50.0	9.77 5.00	8.76 5.04	
TPH By SW8015 Mod	<i>Extracted:</i>	03.04.2021 12:00	03.04.2021 12:00	03.04.2021 12:00	03.04.2021 12:00	03.04.2021 12:00	
	<i>Analyzed:</i>	03.04.2021 17:12	03.04.2021 17:33	03.04.2021 17:54	03.04.2021 18:16	03.04.2021 18:37	
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Gasoline Range Hydrocarbons (GRO)		<50.0 50.0	57.1 49.9	<49.8 49.8	<50.0 50.0	<49.9 49.9	
Diesel Range Organics (DRO)		<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0	<49.9 49.9	
Motor Oil Range Hydrocarbons (MRO)		<50.0 50.0	<49.9 49.9	<49.8 49.8	<50.0 50.0	<49.9 49.9	
Total TPH		<50.0 50.0	57.1 49.9	<49.8 49.8	<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



Analytical Report 690340

for

NT Global

Project Manager: Mike Carmona

Osprey BPS State #1 2RP-1645

213976

03.25.2021

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)



03.25.2021

Project Manager: **Mike Carmona**

NT Global

701 Tradewinds Blvd

Midland, TX 79706

Reference: Eurofins Xenco, LLC Report No(s): **690340**

Osprey BPS State #1 2RP-1645

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) 690340. 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. 690340 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 690340****NT Global, Midland, TX**

Osprey BPS State #1 2RP-1645

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
H-1 (0-1')	S	03.03.2021 00:00		690340-001
H-2 (0-1')	S	03.03.2021 00:00		690340-002
H-3 (0-1')	S	03.03.2021 00:00		690340-003
H-4 (0-1')	S	03.03.2021 00:00		690340-004
Background (0-1')	S	03.03.2021 00:00		690340-005



CASE NARRATIVE

Client Name: NT Global

Project Name: Osprey BPS State #1 2RP-1645

Project ID: 213976
Work Order Number(s): 690340

Report Date: 03.25.2021
Date Received: 03.04.2021

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None



Certificate of Analytical Results 690340

NT Global, Midland, TX
Osprey BPS State #1 2RP-1645

Sample Id: **H-1 (0-1')**
Lab Sample Id: 690340-001

Matrix: Soil
Date Collected: 03.03.2021 00:00

Date Received: 03.04.2021 09:58

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.18.2021 22:00

% Moisture:
Basis: Wet Weight

Seq Number: 3154287

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	12.5	4.96	mg/kg	03.19.2021 11:12		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.04.2021 12:00

% Moisture:
Basis: Wet Weight

Seq Number: 3152662

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.04.2021 17:12	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.04.2021 17:12	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.04.2021 17:12	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.04.2021 17:12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	03.04.2021 17:12	
o-Terphenyl	84-15-1	108	%	70-130	03.04.2021 17:12	



Certificate of Analytical Results 690340

NT Global, Midland, TX
Osprey BPS State #1 2RP-1645

Sample Id: **H-1 (0-1')**
 Lab Sample Id: 690340-001

Matrix: Soil
 Date Collected: 03.03.2021 00:00

Date Received: 03.04.2021 09:58

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 03.05.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3152791

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	03.07.2021 05:24	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	03.07.2021 05:24	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	03.07.2021 05:24	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	03.07.2021 05:24	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	03.07.2021 05:24	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	03.07.2021 05:24	U	1
Total BTEX		<0.00201	0.00201	mg/kg	03.07.2021 05:24	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	80	%	70-130	03.07.2021 05:24		
4-Bromofluorobenzene	460-00-4	126	%	70-130	03.07.2021 05:24		



Certificate of Analytical Results 690340

NT Global, Midland, TX
Osprey BPS State #1 2RP-1645

Sample Id: **H-2 (0-1')**
 Lab Sample Id: 690340-002

Matrix: Soil
 Date Collected: 03.03.2021 00:00

Date Received: 03.04.2021 09:58

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.04.2021 19:20

% Moisture:
 Basis: Wet Weight

Seq Number: 3152661

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	84.5	50.0	mg/kg	03.05.2021 09:06		10

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.04.2021 12:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3152662

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	57.1	49.9	mg/kg	03.04.2021 17:33		1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.04.2021 17:33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.04.2021 17:33	U	1
Total TPH	PHC635	57.1	49.9	mg/kg	03.04.2021 17:33		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-130	03.04.2021 17:33	
o-Terphenyl	84-15-1	106	%	70-130	03.04.2021 17:33	



Certificate of Analytical Results 690340

NT Global, Midland, TX
Osprey BPS State #1 2RP-1645

Sample Id: **H-2 (0-1')**
 Lab Sample Id: 690340-002

Matrix: Soil
 Date Collected: 03.03.2021 00:00

Date Received: 03.04.2021 09:58

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 03.05.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3152791

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.07.2021 05:50	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.07.2021 05:50	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.07.2021 05:50	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	03.07.2021 05:50	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.07.2021 05:50	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.07.2021 05:50	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.07.2021 05:50	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	105	%	70-130	03.07.2021 05:50		
1,4-Difluorobenzene	540-36-3	85	%	70-130	03.07.2021 05:50		



Certificate of Analytical Results 690340

NT Global, Midland, TX
Osprey BPS State #1 2RP-1645

Sample Id: **H-3 (0-1')**
Lab Sample Id: 690340-003

Matrix: Soil
Date Collected: 03.03.2021 00:00

Date Received: 03.04.2021 09:58

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.04.2021 19:20

% Moisture:
Basis: Wet Weight

Seq Number: 3152661

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	92.8	50.0	mg/kg	03.05.2021 09:12		10

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.04.2021 12:00

% Moisture:
Basis: Wet Weight

Seq Number: 3152662

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	03.04.2021 17:54	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	03.04.2021 17:54	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	03.04.2021 17:54	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	03.04.2021 17:54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	03.04.2021 17:54	
o-Terphenyl	84-15-1	99	%	70-130	03.04.2021 17:54	



Certificate of Analytical Results 690340

NT Global, Midland, TX
Osprey BPS State #1 2RP-1645

Sample Id: **H-3 (0-1')**
 Lab Sample Id: 690340-003

Matrix: Soil
 Date Collected: 03.03.2021 00:00

Date Received: 03.04.2021 09:58

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 03.05.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3152791

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.07.2021 06:16	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.07.2021 06:16	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.07.2021 06:16	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	03.07.2021 06:16	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.07.2021 06:16	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.07.2021 06:16	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.07.2021 06:16	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	110	%	70-130	03.07.2021 06:16		
1,4-Difluorobenzene	540-36-3	91	%	70-130	03.07.2021 06:16		



Certificate of Analytical Results 690340

NT Global, Midland, TX
Osprey BPS State #1 2RP-1645

Sample Id: **H-4 (0-1')**
Lab Sample Id: 690340-004

Matrix: Soil
Date Collected: 03.03.2021 00:00

Date Received: 03.04.2021 09:58

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: CHE

Analyst: CHE

Date Prep: 03.04.2021 19:20

% Moisture:
Basis: Wet Weight

Seq Number: 3152661

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.77	5.00	mg/kg	03.05.2021 09:17		1

Analytical Method: TPH By SW8015 Mod

Prep Method: SW8015P

Tech: DVM

Analyst: ARM

Date Prep: 03.04.2021 12:00

% Moisture:
Basis: Wet Weight

Seq Number: 3152662

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	03.04.2021 18:16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	03.04.2021 18:16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	03.04.2021 18:16	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	03.04.2021 18:16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	03.04.2021 18:16	
o-Terphenyl	84-15-1	96	%	70-130	03.04.2021 18:16	



Certificate of Analytical Results 690340

NT Global, Midland, TX
Osprey BPS State #1 2RP-1645

Sample Id: **H-4 (0-1')**
 Lab Sample Id: 690340-004

Matrix: Soil
 Date Collected: 03.03.2021 00:00

Date Received: 03.04.2021 09:58

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 03.05.2021 17:00

% Moisture:
 Basis: Wet Weight

Seq Number: 3152791

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	03.07.2021 06:42	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	03.07.2021 06:42	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	03.07.2021 06:42	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	03.07.2021 06:42	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	03.07.2021 06:42	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	03.07.2021 06:42	U	1
Total BTEX		<0.00200	0.00200	mg/kg	03.07.2021 06:42	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	92	%	70-130	03.07.2021 06:42		
4-Bromofluorobenzene	460-00-4	114	%	70-130	03.07.2021 06:42		



Certificate of Analytical Results 690340

NT Global, Midland, TX
Osprey BPS State #1 2RP-1645

Sample Id: **Background (0-1')** Matrix: Soil Date Received: 03.04.2021 09:58
 Lab Sample Id: 690340-005 Date Collected: 03.03.2021 00:00
 Analytical Method: Inorganic Anions by EPA 300/300.1 Prep Method: E300P
 Tech: CHE
 Analyst: CHE Date Prep: 03.04.2021 19:20 % Moisture:
 Seq Number: 3152661 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	8.76	5.04	mg/kg	03.05.2021 09:22		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P
 Tech: DVM
 Analyst: ARM Date Prep: 03.04.2021 12:00 % Moisture:
 Seq Number: 3152662 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	03.04.2021 18:37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	03.04.2021 18:37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	03.04.2021 18:37	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	03.04.2021 18:37	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	111-85-3	105	%	70-130	03.04.2021 18:37		
o-Terphenyl	84-15-1	104	%	70-130	03.04.2021 18:37		



Certificate of Analytical Results 690340

NT Global, Midland, TX
Osprey BPS State #1 2RP-1645

Sample Id: **Background (0-1')**

Matrix: Soil

Date Received: 03.04.2021 09:58

Lab Sample Id: 690340-005

Date Collected: 03.03.2021 00:00

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5035A

Tech: MNR

Analyst: MNR

Date Prep: 03.05.2021 17:00

% Moisture:

Basis: Wet Weight

Seq Number: 3152791

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	03.07.2021 07:08	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	03.07.2021 07:08	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	03.07.2021 07:08	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	03.07.2021 07:08	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	03.07.2021 07:08	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	03.07.2021 07:08	U	1
Total BTEX		<0.00199	0.00199	mg/kg	03.07.2021 07:08	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	89	%	70-130	03.07.2021 07:08		
4-Bromofluorobenzene	460-00-4	115	%	70-130	03.07.2021 07:08		

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

Osprey BPS State #1 2RP-1645

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3152661

Matrix: Solid

Prep Method: E300P

Date Prep: 03.04.2021

MB Sample Id: 7722551-1-BLK

LCS Sample Id: 7722551-1-BKS

LCSD Sample Id: 7722551-1-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	242	97	242	97	90-110	0	20	mg/kg	03.05.2021 06:59	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3154287

Matrix: Solid

Prep Method: E300P

Date Prep: 03.18.2021

MB Sample Id: 7723656-1-BLK

LCS Sample Id: 7723656-1-BKS

LCSD Sample Id: 7723656-1-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	247	99	240	96	90-110	3	20	mg/kg	03.19.2021 08:52	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3152661

Matrix: Soil

Prep Method: E300P

Date Prep: 03.04.2021

Parent Sample Id: 690337-009

MS Sample Id: 690337-009 S

MSD Sample Id: 690337-009 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	7.98	250	261	101	262	102	90-110	0	20	mg/kg	03.05.2021 07:15	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3152661

Matrix: Soil

Prep Method: E300P

Date Prep: 03.04.2021

Parent Sample Id: 690339-006

MS Sample Id: 690339-006 S

MSD Sample Id: 690339-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	19.3	249	267	99	268	100	90-110	0	20	mg/kg	03.05.2021 08:29	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3154287

Matrix: Soil

Prep Method: E300P

Date Prep: 03.18.2021

Parent Sample Id: 691563-019

MS Sample Id: 691563-019 S

MSD Sample Id: 691563-019 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	2270	1250	3790	122	3440	94	90-110	10	20	mg/kg	03.19.2021 09:07	X

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3154287

Matrix: Soil

Prep Method: E300P

Date Prep: 03.18.2021

Parent Sample Id: 691589-003

MS Sample Id: 691589-003 S

MSD Sample Id: 691589-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	1230	1240	2450	98	2520	104	90-110	3	20	mg/kg	03.19.2021 10:10	

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

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

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

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



NT Global

Osprey BPS State #1 2RP-1645

Analytical Method: TPH By SW8015 Mod

Seq Number: 3152662

MB Sample Id: 7722600-1-BLK

Matrix: Solid

LCS Sample Id: 7722600-1-BKS

Prep Method: SW8015P

Date Prep: 03.04.2021

LCSD Sample Id: 7722600-1-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	1120	112	1100	110	70-130	2	20	mg/kg	03.04.2021 10:53	
Diesel Range Organics (DRO)	<50.0	1000	1100	110	1090	109	70-130	1	20	mg/kg	03.04.2021 10:53	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	70		128		129		70-130	%	03.04.2021 10:53
o-Terphenyl	76		124		127		70-130	%	03.04.2021 10:53

Analytical Method: TPH By SW8015 Mod

Seq Number: 3152662

MB Sample Id: 7722600-1-BLK

Matrix: Solid

Prep Method: SW8015P

Date Prep: 03.04.2021

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	03.04.2021 10:32	

Analytical Method: TPH By SW8015 Mod

Seq Number: 3152662

Parent Sample Id: 690143-021

Matrix: Soil

MS Sample Id: 690143-021 S

Prep Method: SW8015P

Date Prep: 03.04.2021

MSD Sample Id: 690143-021 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	995	100	990	99	70-130	1	20	mg/kg	03.04.2021 11:56	
Diesel Range Organics (DRO)	<49.9	997	984	99	983	99	70-130	0	20	mg/kg	03.04.2021 11:56	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	128		130		70-130	%	03.04.2021 11:56
o-Terphenyl	125		125		70-130	%	03.04.2021 11:56

Analytical Method: BTEX by EPA 8021B

Seq Number: 3152791

MB Sample Id: 7722669-1-BLK

Matrix: Solid

LCS Sample Id: 7722669-1-BKS

Prep Method: SW5035A

Date Prep: 03.05.2021

LCSD Sample Id: 7722669-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.108	108	0.126	126	70-130	15	35	mg/kg	03.06.2021 20:49	
Toluene	<0.00200	0.100	0.102	102	0.113	113	70-130	10	35	mg/kg	03.06.2021 20:49	
Ethylbenzene	<0.00200	0.100	0.0928	93	0.104	104	70-130	11	35	mg/kg	03.06.2021 20:49	
m,p-Xylenes	<0.00400	0.200	0.190	95	0.213	107	70-130	11	35	mg/kg	03.06.2021 20:49	
o-Xylene	<0.00200	0.100	0.0881	88	0.102	102	70-130	15	35	mg/kg	03.06.2021 20:49	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	76		89		107		70-130	%	03.06.2021 20:49
4-Bromofluorobenzene	94		101		123		70-130	%	03.06.2021 20:49

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
Osprey BPS State #1 2RP-1645

Analytical Method: BTEX by EPA 8021B

Seq Number: 3152791

Parent Sample Id: 690338-003

Matrix: Soil

MS Sample Id: 690338-003 S

Prep Method: SW5035A

Date Prep: 03.05.2021

MSD Sample Id: 690338-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00201	0.100	0.0983	98	0.112	112	70-130	13	35	mg/kg	03.06.2021 21:41	
Toluene	<0.00201	0.100	0.0869	87	0.102	102	70-130	16	35	mg/kg	03.06.2021 21:41	
Ethylbenzene	<0.00201	0.100	0.0791	79	0.0902	90	70-130	13	35	mg/kg	03.06.2021 21:41	
m,p-Xylenes	<0.00402	0.201	0.162	81	0.181	91	70-130	11	35	mg/kg	03.06.2021 21:41	
o-Xylene	<0.00201	0.100	0.0807	81	0.0902	90	70-130	11	35	mg/kg	03.06.2021 21:41	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	105		104		70-130	%	03.06.2021 21:41
4-Bromofluorobenzene	126		128		70-130	%	03.06.2021 21:41

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:

6090340

Page 1 of 1

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: Level II ☐ Level III ☐ PST/UST ☐ PRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Osprey BPS State 1H 2RP-1645	Turn Around	☐ Routine ☒ Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes			
Project Number:	213976																	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC			
Project Location:	Eddy CO, NM	Due Date:	12/14/21																		
Sampler's Name:	Conner M	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:	Yes ☒ No ☐	Thermometer ID:	100																		
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:	0.5																		
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	3.5																		
Total Containers:		Corrected Temperature:	4.0																		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
H-1 (0-1')		3/3/2021		X		Grab	1	X	X	X											
H-2 (0-1')		3/3/2021		X		Grab	1	X	X	X											
H-3 (0-1')		3/3/2021		X		Grab	1	X	X	X											
H-4 (0-1')		3/3/2021		X		Grab	1	X	X	X											
Background (0-1')		3/3/2021		X		Grab	1	X	X	X											

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Conner M</i>	<i>James Kennedy</i>	3.4.21	2		
3		953	4		
5			6		

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: NT Global

Date/ Time Received: 03.04.2021 09.58.00 AM

Work Order #: 690340

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
#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: 03.04.2021

Checklist reviewed by:



Jessica Kramer

Date: 03.04.2021

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
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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 62737

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 62737
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	In future please sample older CI sites to at least four feet.	1/24/2022