



December 29, 2019

DENIED

Bureau of Land Management/U.S. Department of the Interior
C/O Whitney Thomas
6521 North College Boulevard, Suite A
Farmington, NM 87402

-No Signed C-141,
-Report does not meet requirements of
19.15.29 NMAC, no scaled site map/sample
maps.
Please resubmit no later than 12/18/2020

New Mexico Oil Conservation Division
Energy, Minerals & Natural Resources
C/O Cory Smith
1000 Rio Brazos
Aztec, NM 87410

RE: Site Closure
FBC Federal No. 1
API No. 30-031-20808
U/L D, Section 16, Township 22S, Range 37E
County of McKinley

On August 2nd of 2019, Providence Minerals contacted Hungry Horse, LLC to resolve the environmental and compliance issues for the FBC Federal No. 1. At this time, we reviewed the regulatory documentation and completed a site assessment.

Background

On January 23rd of 2018, the Bureau of Land Management (Farmington Field Office), submitted a letter to J&F Production concerning the FBC Federal No. 1. The last documented production on record was in March of 2015. As per the Title 43 CFR Section 3162.3-4 requires that the lessee shall promptly plug and abandon the well. J&F Production had 30 days to comply to one of the following procedures: a) Condition the well to a useful function, b) Temporarily abandon the well, c) Continued shut-in status or d) Permanently Plug and abandon the well. The BLM did not receive back any communication from J&F Production.

On September 11th, 2018 form 3160-5 (Notice of intent to shut in the FBC Federal No. 1 was filled and acknowledged for Record on September 11th, 2018.

The BLM then conducted a site inspection of the FBC Federal No. 1, which was completed by Whitney Thomas and the following issues were found:

- The oil tank was full and needed to be emptied
- Several areas of impacted soil were visible which demonstrated that a release of fluids had occurred on the site, with an estimated volume of release to be approximately 10-20bbls. The areas of concern were at the tank battery and on the well pad.

On August 6th of 2019, Whitney Thomas of the BLM had extended the abatement date to August 21st so that Providence Minerals and IMinerals can finalize the lease rights and complete the ownership research for the well in question. On August 7th, 2019 Hungry Horse completed the site assessment, delineation of the site had begun.

In September of 2019, Providence contacted Hungry Horse to complete a full delineation of the impacted areas and to also conduct a full remediation as per the BLM and NMOCD Guidelines for Releases and Spills. The delineation consisted of eleven sample points and ten sidewall samples:

Area 1: Tank Battery – 4 sample points and 4 sidewalls

Area 2: Wellhead – 4 sample points and 4 sidewalls

Area 3: Unknown stockpile of contaminated soils – 3 sample points and 4 sidewalls

The delineation sampling event conducted displayed the following:

Tank Battery Area Sampling Results

SP ID	DEPTH	Field CHL	L-CHL	L-BTEX	L-GRO	L-DRO	L-ORO	TTL TPH
SP1	SUR	720						
SP1	1'	1040						
SP1	2'	1040						
SP1	3'	1200						
SP1	4'	1200						
SP1	5'	1040						
SP1	6'	560						
SP1	7'	400						
SP1	8'	720						
SP1	9'	N/A						
SP1	10'	480						
SP1	11'	N/A						
SP1	12'	480	32	<0.300	<10	<10	<10	<30
SP2	SUR	480						
SP2	1'	400						
SP2	2'	480						
SP2	3'	400						

SP2	4'	400	32	<0.300	<10	<10	<10	<30
SP3	SUR	400						
SP3	1'	800						
SP3	2'	560						
SP3	3'	480						
SP3	4'	480	96	<0.300	<10	<10	<10	<30
SP4	SUR	320						
SP4	1'	880						
SP4	2'	1120						
SP4	3'	560						
SP4	4'	560	224	<0.300	<10	32.7	10.3	<53

The above sample data both field testing and confirmation sampling was conducted and confirmed from Envirotech Analytical Laboratory. The lab confirmation samples are found in yellow and is final.

Wellhead Area Sampling Results

SP ID	DEPTH	Field CHL	L-CHL	L-BTEX	L-GRO	L- DRO	L-ORO	TTL TPH
SP5	SUR	480						
SP5	1'	1040						
SP5	2'	1160						
SP5	3'	1600						
SP5	4'	1760						
SP5	5'	1600						
SP5	6'	1280						
SP5	7'	1200						
SP5	8'	720						
SP5	9'	N/A						
SP5	10'	480						
SP5	11'	N/A						
SP5	12'	480	640	<0.300	<10	<10	<10	<30
SP6	SUR	480						
SP6	1'	880						
SP6	2'	640						
SP6	3'	560						
SP6	4'	720						

SP6	5'	560						
SP6	6'	240	112	<0.300	<10	<10	<10	<30
SP7	SUR	400						
SP7	1'	880						
SP7	2'	960						
SP7	3'	1040						
SP7	4'	720						
SP7	5'	800						
SP7	6'	880	528	<0.300	<10	<10	<10	<30
SP8	SUR	400						
SP8	1'	800						
SP8	2'	800						
SP8	3'	800						
SP8	4'	1120						
SP8	5'	880						
SP8	6'	720	416	<10	<10	<10	<10	<30

The above sample data both field testing and confirmation sampling was conducted and confirmed from Envirotech Analytical Laboratory. The lab confirmation samples are found in yellow and is final.

Unknown Stockpile Area Sample Results

SP ID	DEPTH	Field CHL	L-CHL	L-BTEX	L-GRO	L- DRO	L-ORO	TTL TPH
Stock P 1	SUR	880						
Stock P 1	2'	1440						
Stock P 1	4'	720						
Stock P 1	6'	560	352	<10	<10	<10	<10	<30
Stock P 2	SUR	800						
Stock P 2	2'	1120						
Stock P 2	4'	720						
Stock P 2	6'	480	208	<10	<10	<10	<10	<30
Stock P3	SUR	480						
Stock P3	2'	640						
Stock P3	4'	400						

Stock P3	6'	480	160	<0.300	<10	<10	<10	<30
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The above sample data both field testing and confirmation sampling was conducted and confirmed from Envirotech Analytical Laboratory. The lab confirmation samples are found in yellow and is final.

Ground Water

According to the New Mexico Office of the State Engineer, the groundwater closes to the site is 140' bgs. The two water wells found in this area are over 8000' from the site. Below you will find the data for the two wells showing ground water information for the site listed herein.

RG 92658 POD 1: 8149' from the site at 140' dgw (actual distance is 5.1 Miles Southwest)

RG 79291X: 8587' from the site at 180' dgw (actual distance is 5.38 Miles Southwest)

Hungry Hose used the depth of ground water found above as the basis of the Closure Criteria for Soils Impacted by a release that is over 100' bgs. Which, gives the limit of contamination constituent levels which is detailed below:

Closure for Soils Impacted by a Release			
Depth	Constituent	Method	Limit
>100'	Chloride	EPA 300.00 or SM4500 CL B	20,000 mg/kg
	TPH (GRO, DRO, MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Once on th site during the delineation process, we found that ground water is actually near 10'-12' below ground surface on the northwest edge of the pad. Also, during the remediation process, the capillary fringe was located at the 10'12' bgs as well.

The capillary fringe is the subsurface layer in which groundwater seeps up from the water table by capillary action to fill pores. Pores at the base of the capillary fringe are filled with water due to tension saturation. This saturated portion of the capillary fringe is less than total capillary rise because of the presence of a mix in pore size. If the pore size is large which is the case for the FBC Federal No. 1, the saturated portion will extend only a few inches above water table. This was witnessed as water began to flow into the remediated area.

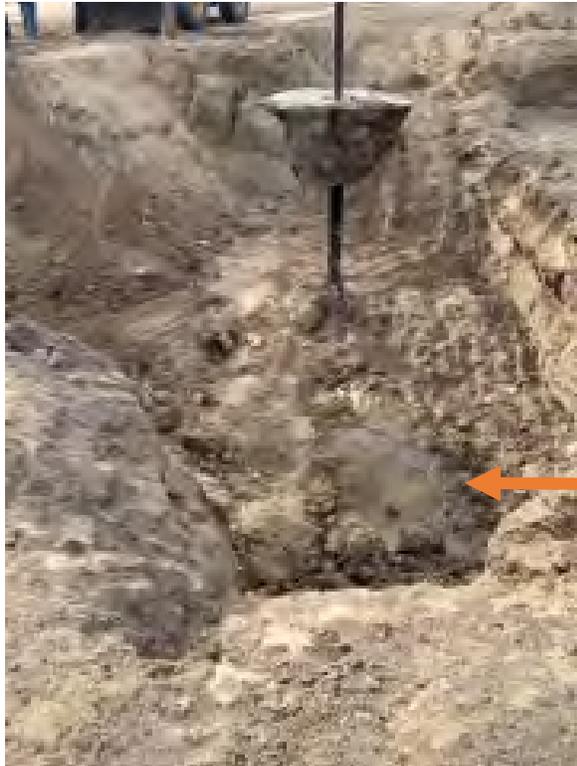
Below you will see the photo of the capillary fringe from the FBC Federal No. 1 site that was encountered during the remediation around the wellhead. Further information about the remediation process will be found later in this report, this is to simply describe one of the reasons the remediation process changed.



Capillary Fringe: Please refer to page six for details.

Ground Water Surfacing





Ground Water Surfacing

Due to the ground water surfacing and the evidence of the capillary being evident the ground water data requirement changes for the Closure for Soils Impacted by a Release. Below you will find this sites closure requirements:

Closure for Soils Impacted by a Release			
Depth	Constituent	Method	Limit
<50 feet	Chloride	EPA 300.00 or SM4500 CL B	600 mg/kg
	TPH (GRO, DRO, MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

As more data is provided in this report you will see evidence that the BLM and the NMOCD has enforced this requirement in order to close out the site.

The final closure samples for the delineation and remediation are witnessed by the BLM and/or the NMOCD to make sure we have followed the guidelines set forth due to shallow ground water in this area.

Remediation

Hungry Horse, LLC excavated and remediated the pad and facility area as per the agreed upon procedure that was approved by the BLM and NMOCD. The remediation plan was to excavate 4’bgs and haul to an approved disposal. This plan was approved on August 19th.

Remediation began on August 19th, the entire pad and facility area was excavated out to 4’bgs. As per the BLM, the area around the wellhead remediation was put off until the pump jack was removed.

At this time, sidewalls were taken to ensure that all of the contaminated soil was excavated, stockpiled on plastic and hauled off to disposal. Below you will find the field-tested sidewall samples:

SW1	SUR	880						
SW1	1'	560						
SW1	2'	480						
SW2	SUR	560						
SW2	1'	320						
SW2	2'	480						
SW3	SUR	560						
SW3	1'	560						
SW3	2'	560						
SW4	SUR	560						
SW4	1'	1200						
SW4	2'	880						
SW4	3'	480						
SW4	4'	480						
SW5	SUR	1280						
SW5	1'	12000						
SW5	2'	480						
SW6	SUR	320						
SW6	1'	880						
SW6	2'	880						
SW6	3'	560						
SW6	4'	480						
SW7	SUR	240						

SW7	1'	480						
SW7	2'	400						
SW8	SUR	400						
SW8	1'	560						
SW8	2'	400						
SW9	SUR	640						
SW9	1'	240						
SW9	2'	400						
SW10	SUR	720						
SW10	1'	560						
SW10	2'	480						
SW11	SUR	400						
SW11	1'	400						
SW11	2'	400						
SW12	SUR	240						
SW12	1'	480						
SW12	2'	320						

Eleven hundred yards of contaminated soil was hauled to Envirotech Disposal and 1,100 yards was hauled back for backfill. We backhauled to cut down on expenses, this was five-hour turn around on hauling due to the locality of the FBC Federal #1.

On August 27th Hungry Horse crews met with the BLM on site to witness the final closing samples of the excavation area. Samples were not field tested, just grabbed and delivered to Envirotech Laboratories for confirmation. Below are the results of the final closure samples from the remediation area (excluding the wellhead area, per the BLM):

COMP 1 SP1			371	ND	ND	ND	ND	ND
COMP 1 SP2			277	ND	ND	ND	ND	ND
COMP 1 SP3			65.7	ND	190	199	ND	389
COMP 1 SP4			70.5	ND	ND	ND	ND	ND
COMP 1 SP5			219	ND	ND	29.7	ND	29.7
COMP 1 SW1			20	ND	ND	ND	ND	ND
COMP 1 SW2			91.6	ND	ND	ND	ND	ND
COMP 1 SW3			186	ND	ND	ND	ND	ND
COMP 1 SW4			ND	ND	ND	ND	ND	ND
COMP 3 SP1			58.2	ND	ND	ND	ND	ND
COMP 3 SP2			127	ND	ND	ND	ND	ND
COMP 3 SP3			436	ND	ND	ND	ND	ND
COMP 3 SP4			290	ND	ND	64.6	84.4	149
COMP 3 1-4			259	ND	ND	29.3	50.9	80.2
COMP 3 SW1			ND	ND	ND	ND	ND	ND
COMP 3 SW2			62.9	ND	ND	ND	ND	ND
COMP 3 SW3			284	ND	ND	ND	ND	ND
COMP 3 SW4			221	ND	ND	41.3	ND	41.3
BACKGROUND			ND	ND	ND	ND	ND	ND

Also, during this time, we continued to haul out the stockpiled contaminated soil to Envirotech Disposal. Please also note that Envirotech is the only disposal in this area that takes contaminated soil.

On September 3rd, Hungry Horse crews began to backfill the excavated area. It took five work days to backfill the excavation and contour back to natural grade. Contouring is required by both the BLM and NMOCD.

On October 18th of 2019 the well was plugged, a dry-hole marker was installed. Therefore, on October 21st Hungry Horse went back out to the location to clean out the tanks, the fluid was hauled by use of vacuum truck and disposed of at the Envirotech Disposal as well. The tanks, pump jack, pumpjack base, flowlines and the propane tank used to power the pump jack was picked up from Baker Hughes and hauled to Hungry Horses yard for disposal.

On October 22nd, Hungry Horse crews began to excavate around the wellhead as per the BLM's request. Usually, in these type of cases (plugging of well), the area around the wellhead is left in place. Digging too close to the wellbore can cause the pipe to be compromised. Due to the shallow groundwater, the BLM and NMOCD required that all of the contaminated soil was to be fully excavated. During the excavation ground water was found which is visible in the photos on page 5 and 6 of this report.

Several sampling events occurred during this time, with the BLM and/or the NMOCD witnessing the samples. The first sample data you will find below, were taken as bottom hole samples around the wellhead. The goal here due to shallow ground water is to obtain chlorides under 600mg/kg and less

than 100mg/kg for TPH (Total Petroleum Hydrocarbons). As you can see WH SP1 did not clean up at 4' bgs, WH SP2 cleaned up at 4', WH SP3 cleaned up at 2' mg/kg and WH SP4 cleaned up at 2' also. The BLM and NMOCD required further excavation and delineation before Providence could backfill around the wellhead with the following lab confirmation samples:

WH SP1	SUR	50	48.3	ND	ND	255	271	526
WH SP1	1'	400						
WH SP1	2'	285	290	1.92	75.5	5810	2860	8745.5
WH SP1	3'	400						
WH SP1	4'	400	406	2.65	60	18200	6180	24440
WH SP2	SUR	120	108	ND	ND	1640	2980	4620
WH SP2	1'	980						
WH SP2	2'	200	184	ND	ND	61.1	111	172.1
WH SP2	3'	550						
WH SP2	4'	430	426	ND	ND	38.8	ND	38.8
WH SP3	SUR	100	89	ND	ND	551	272	823
WH SP3	1'	400						
WH SP3	2'	80	63.8	ND	ND	29	ND	29
WH SP3	3'	100						
WH SP3	4'	200	216	ND	ND	31	ND	31
WH SP4	1'	320	114	ND	ND	ND	ND	ND
WH SP4	2'	400	83.2	ND	ND	28	ND	28
WH SP4	3'	N/A						
WH SP4	4'	400	94.1	ND	ND	ND	ND	ND

At this time, sidewall samples were also obtained to verify that all of the contamination was taken out. Below you will see that clean sidewall samples could not be obtained due to high volumes of hydrocarbon impacted soil.

COMP 1 SP1	BTM	N/A	375	0.0637	ND	3080	ND	3080
AREA 1	SW1	N/A	180	ND	ND	588	906	1494
AREA 1	SW2	N/A	778	1.5	29.8	29600	10900	40529.8
AREA 1	SW3	N/A	176	0.118	ND	218	257	475
AREA 2	BTM	N/A	694	ND	ND	29.3	75.9	105.2

AREA 2	SW1	N/A	348	ND	ND	N	58.2	58.2
AREA 2	SW2	N/A	206	ND	ND	89.5	135	224.5
AREA 3	BTM	N/A	397	ND	ND	427	387	814
AREA 3	SW1							
AREA 3	SW2	N/A	64.2	ND	ND	ND	ND	ND

At this time Hungry Horse crews began to also excavate the old battery area after the equipment had been removed. Once the contaminated soil was excavated to 4' bgs, hauled to disposal final closure samples were obtained and were also witnessed by the BLM. Below you will find the sample data for the area around the old facility:

BATTERY COM		N/A	52.7	ND	ND	ND	ND	ND
COMP 1		N/A	71.8	ND	ND	28.3	ND	28.3
COMP 2		N/A	280	ND	ND	ND	ND	ND
COMP 3		N/A	149	ND	ND	30.1	ND	30.1
COMP 4		N/A	41.3	ND	ND	ND	ND	ND
COMP 5		N/A	143	ND	ND	198	ND	198

Crews continued to excavate the area around the wellhead while the BLM was there to witness sampling, the goal as mentioned was to completely excavate the area until the concentrations mentioned above were reached. Below you will find the next round of sampling along with confirmation samples which still did not meet the requirements. These samples were taken on November 22, 2019:

WH COMP		Field CHL	L-CHL	L-BTEX	L-GRO	L-DRO	L-ORO	TTL TPH
COMP #5		N/A	94.8	ND	ND	231	118	349
COMP #6		N/A	72.2	ND	ND	293	156	449
COMP #7		N/A	71.7	ND	ND	242	139	381

Crews then continued additional excavation on same said day until field samples reached concentration levels.

WH COMP		Field CHL	L-CHL	L-BTEX	L-GRO	L-DRO	L-ORO	TTL TPH
COMP #5		N/A	365	ND	ND	ND	ND	ND
COMP #6		N/A	299	ND	ND	ND	ND	ND
COMP #7		N/A	415	ND	ND	ND	ND	ND

Closure Request

On behalf of Hungry Horse and Providence, we would like to request closure of this environmental event that occurred on the Providence Energy FBC Federal #1 site.

If you have any questions or concerns, please do not hesitate to contact me at any time.

Sincerely,

Natalie Gladden (electronic signature)

Natalie Gladden
Director of Environmental and Regulatory
Hungry Horse, LLC
4024 Plains Highway
Lovington, NM 88260
Cell: 575-390-6397
Email: ngladden@hungry-horse.com

Photo Page



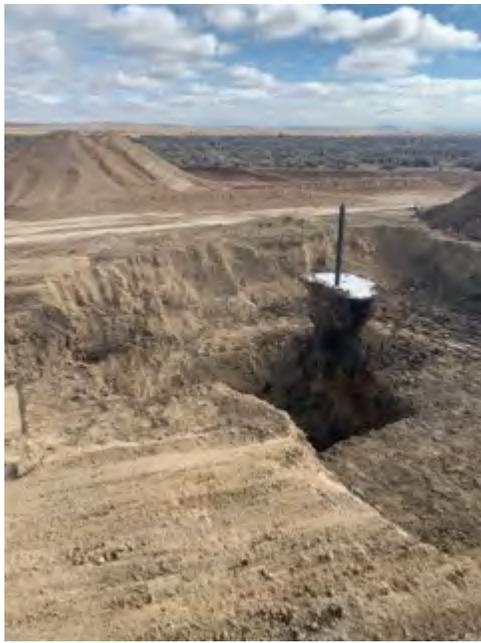
























Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NM17184

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.
FBC Federal No. 1

2. Name of Operator
JF Production Inc.

9. API Well No.
30-031-20808

3a. Address

PO Box 1178 Cuba, NM 87013

3b. Phone No. (include area code)

505-330-3645

10. Field and Pool or Exploratory Area
Blue Mesa-Mesaverde (O)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW, SW Section 12, Township 19 North, Range 5 West

11. Country or Parish, State
McKinley County, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Remediation of Pit &
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Contaminated soil

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Applicant (JF Production Inc.) in response to BLM written order No. 14SK005WO dated 3-10-14 proposes to immediately remove all oil saturated contaminated soil near lease equipment premise and three (3) stockpile contaminated soil on lease premise, and estimate of 250-300 cubic yard will be immediately transported for disposal at an approved licensed Land farm facility (TNT Disposal). TNT Disposal will provide an affidavit of all transport loads. Proper composite soil sampling will be obtained at all designated sites and submitted to an approved lab utilizing method 8015 for TPH (DRO) and 8021 for BTEX. Remediation threshold level will conform to NMOCD and BLM ranking score criteria for the site.

Upon complete removal of all stockpiled soil on location, applicant will within 15 days proceed on excavation of designated pits and conduct composite sampling of soil at determined depth and approved by lab prior to final closure. Clean backfill material will be obtained from a designated site determined by NMOCD and BLM. Notable source for clean fill material may be obtained from TNT Disposal. All leveling and sloping of location will be completed per BLM specification. All refuse will be removed and proper fencing will be installed to protect safety and prevent livestock entry. It is anticipated that project will be completed within 30-45 days dependent on weather and turnaround time for lab sample results. All work will be coordinated with NMOCD and/or BLM personnel on site for final acceptance and approval.

OIL CONS. DIV DIST. 3

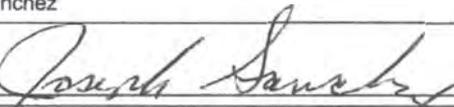
APR 21 2014

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)
Joseph J. Sanchez

Title President

Signature

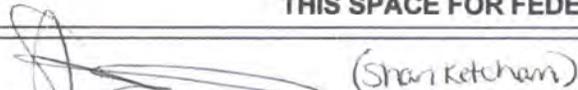


Date

3/30/14

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by



Title

NRS

Date

4/10/14

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FFO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NMOCD

Form 3160-5
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM17184

6. If Indian, Allottee or Tribe Name
Pueblo Pintado

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well
 Oil Well Gas Well Other

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. FBC Federal #1

2. Name of Operator
J&F Production

9. API Well No. 30-031-20808

3a. Address

3b. Phone No. (include area code)
575-330-3645

10. Field and Pool or Exploratory Area
Blue Mesa/Mesa Verde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
D-16-22S-37E 1870'FSL & 0860' FWL

11. County or Parish, State
Mckinley County, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

On behalf of Providence Energy and Minerals, we would like to request a 20 day extension to the plugging and abandonment of the FBC Federal #1. As of 08/20/2019, Hungry Horse, LLC is currently remediating the site as per the BLM. Once the site has been fully remediated, then plugging of the well can commence. On or before the 20 day extension that was approved in the conference call dated 8/20/19 at 10am, Hungry-Horse will have a contractor set up to plug the well, then a plugging plan will be sent in from the operators involved for approval, along with BLM. As of the date of this sundry, the abatement of the fines will be put on hold as long as the well site has been remediated and plugged with-in the 20 day deadline. We are fully aware that the 20 day extension is for scheduling and planning of the P&A process. The operators, contactors and the BLM will meet again on September 10th, 2019 to further discuss the plan for this site.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Natalie Gladden

Title Director of Environmental and Regulatory

Signature  Date 8/20/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment.

NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM17184

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
FBC FEDERAL 1

9. API Well No.
30-031-20808-00-S1

10. Field and Pool or Exploratory Area
BLUE MESA MESAVERDE

11. County or Parish, State
MCKINLEY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
J & F PRODUCTION INC
Contact: SHELLY DIEDE
E-Mail: SHELLYDIEDE@GMAIL.COM

3a. Address
35 RITO DE LOS PINOS
CUBA, NM 87013

3b. Phone No. (include area code)
Ph: 505-320-5682

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 12 T19N R5W NWSW 1870FSL 0860FWL
35.889832 N Lat, 107.323029 W Lon

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Upon approval, Providence Energy intends to plug and abandon this well per the attached procedure and wellbore diagram.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #485511 verified by the BLM Well Information System
For J & F PRODUCTION INC, sent to the Farmington
Committed to AFMSS for processing by JOE KILLINS on 09/27/2019 (19JK0191SE)**

Name (Printed/Typed) NATALIE GLADDEN	Title ENVIRONMENT AND REGULATORY
Signature (Electronic Submission)	Date 09/27/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>JOE KILLINS</u>	Title <u>ENGINEER</u>	Date <u>09/27/2019</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Providence Energy

Plug And Abandonment Procedure

FBC Federal #1

1870' FSL & 860' FWL, Section 12, T19N, R5W

McKinley County, NM / API 30-031-20808

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
2. Check casing, tubing, and bradenhead pressures.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOP. Function test BOP.
5. P/U 4-1/2" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 1946'.
6. P/U 4-1/2" CR, RIH and set CR at +/- 1896'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.
7. RU wireline and run CBL with 500 psi on casing from CR at 1896' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to Joe Killins and John Hoffman at jkillins@blm.gov and jhoffman@blm.gov and

Brandon Powell at Brandon.powell@state.nm.us upon completions of logging operations.

8. Rig up to pump cement down tubing. Pump water to establish rate down tubing.

NOTE: All Plugs Include 100% excess outside casing and 50% Excess inside casing

9. Plug 1 (**Menefee Perforations and Pt. Lookout Formation Top 1896'-1846', 6 Sacks Class G Cement**)

Mix 6 sx Class G cement and spot a balanced plug inside casing to cover the Menefee perforations and Pt. Lookout formation tops.

10. Plug 2 (**Menefee and Cliff House Formation Tops 1181'-977', 16 Sacks Class G Cement**)

Mix 16 sx Class G cement and spot a balanced plug inside casing to cover the Menefee and Cliff House formation tops.

11. Plug 3 (**Surface Shoe 139'-surface, 35 Sacks Class G Cement**)

Attempt to pressure test the Bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 35 sx cement and spot a balanced plug from 139' to surface, circulate good cement out of casing valve. TOH and LD tubing. Shut well in and WOC. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 139' and the annulus from the squeeze holes to surface. Shut in well and WOC.

12. **ND cementing valves and cut off well head. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and restore location per BLM stipulations.**

Wellbore Diagram

FBC Federal #1
API #: 3003120808
McKinley, New Mexico

Plug 3

139 feet - Surface
139 feet plug
35 sacks of Class G Cement

Plug 2

1181 feet - 977 feet
204 feet plug
16 sacks of Class G Cement

Plug 1

1896 feet - 1846 feet
50 feet plug
6 sacks of Class G Cement

Surface Casing

7.625" 26# @ 89 ft

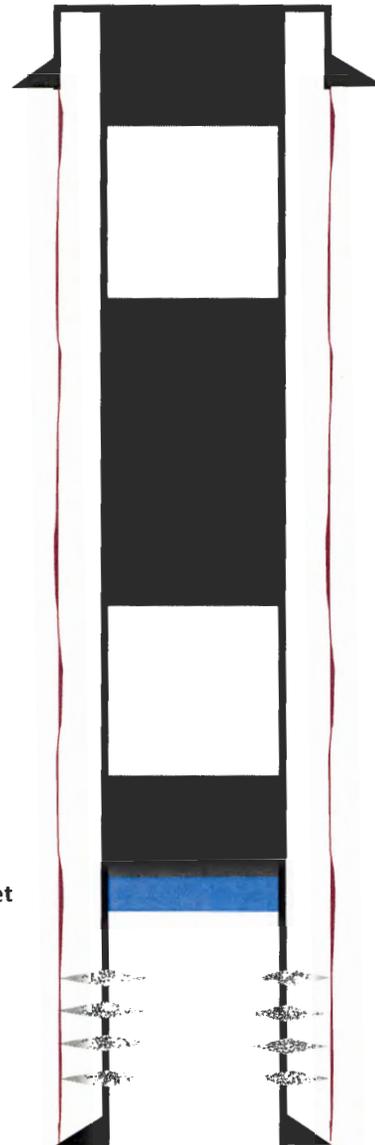
Formation

Lewis - 1077 ft
Cliff House - 1131 ft
Menefee - 2052 ft
Point Lookout - 2125 ft

Retainer @ 1896 feet

Production Casing

4.5" 10.5# @ 2104 ft



**GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON FIELD OFFICE**

- 1.0 The approved plugging plans may contain variances from the following minimum general requirements.
- 1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.
 - 1.2 Requirements may be added to address specific well conditions.
- 2.0 Materials used must be accurately measured. (densometer/scales)
- 3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.
- 3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.
- 4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.
- 4.1 The cement shall be as specified in the approved plugging plan.
 - 4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
 - 4.3 Surface plugs may be no less than 50' in length.
 - 4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
 - 4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.
 - 4.6 **A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.**

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.
- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.
- 5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. **If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.**

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H₂S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), five copies, with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.



Killins, Joe <jkillins@blm.gov>

Well FBC FEDERAL 1

1 message

jkillins@blm.gov <jkillins@blm.gov>

Fri, Sep 27, 2019 at 9:20 AM

To: ngladden@hungry-horse.com, shellydiede@gmail.com

Cc: awethington@blm.gov, jkillins@blm.gov

The sundry for Plug and Abandonment you submitted has been approved by the BLM. Your original Electronic Commerce (EC) transmission was assigned ID 485511. Please be sure to open and save all attachments to this message, since they contain important information.

Approved with General requirements.

2 attachments

 **General Requirement P&A.pdf**
202K

 **EC485511.pdf**
8K



New Mexico Office of the State Engineer

Wells with Well Log Information

No wells found.

UTMNAD83 Radius Search (in meters):

Easting (X): 290279.38

Northing (Y): 3974219.43

Radius: 1000

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.

11/13/19 7:42 AM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer

Wells with Well Log Information

No wells found.

UTMNAD83 Radius Search (in meters):

Easting (X): 290279.38

Northing (Y): 3974219.43

Radius: 5000

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.

11/13/19 7:42 AM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer

Wells with Well Log Information

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

(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	Code	POD Subbasin	County	Source	q q q	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
RG 92658 POD1		MRG	MK	Shallow	4	2	2	04 18N 05W	286613	3966941	8149	04/12/2011	04/18/2011	05/13/2011	400	140	THOMAS MURRAY	672
RG 79291 X		MRG	SA	Shallow	3	3	2	18 20N 04W	292700	3982459*	8587	10/10/2002	11/30/2002	05/28/2004	460	180	JOE ROYBAL	1509

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 290279.38

Northing (Y): 3974219.43

Radius: 10000

*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.

11/13/19 7:43 AM

WELLS WITH WELL LOG INFORMATION

Providence Energy

FBC Federal #1
Ground Water Map

Legend

-  DGW
-  Miles



Providence Energy

FBC Federal #1
Surrounding Well Map



30-031-20841

30-031-20839

30-031-20840

FBC FEDERAL #1

30-031-20864

30-031-20842



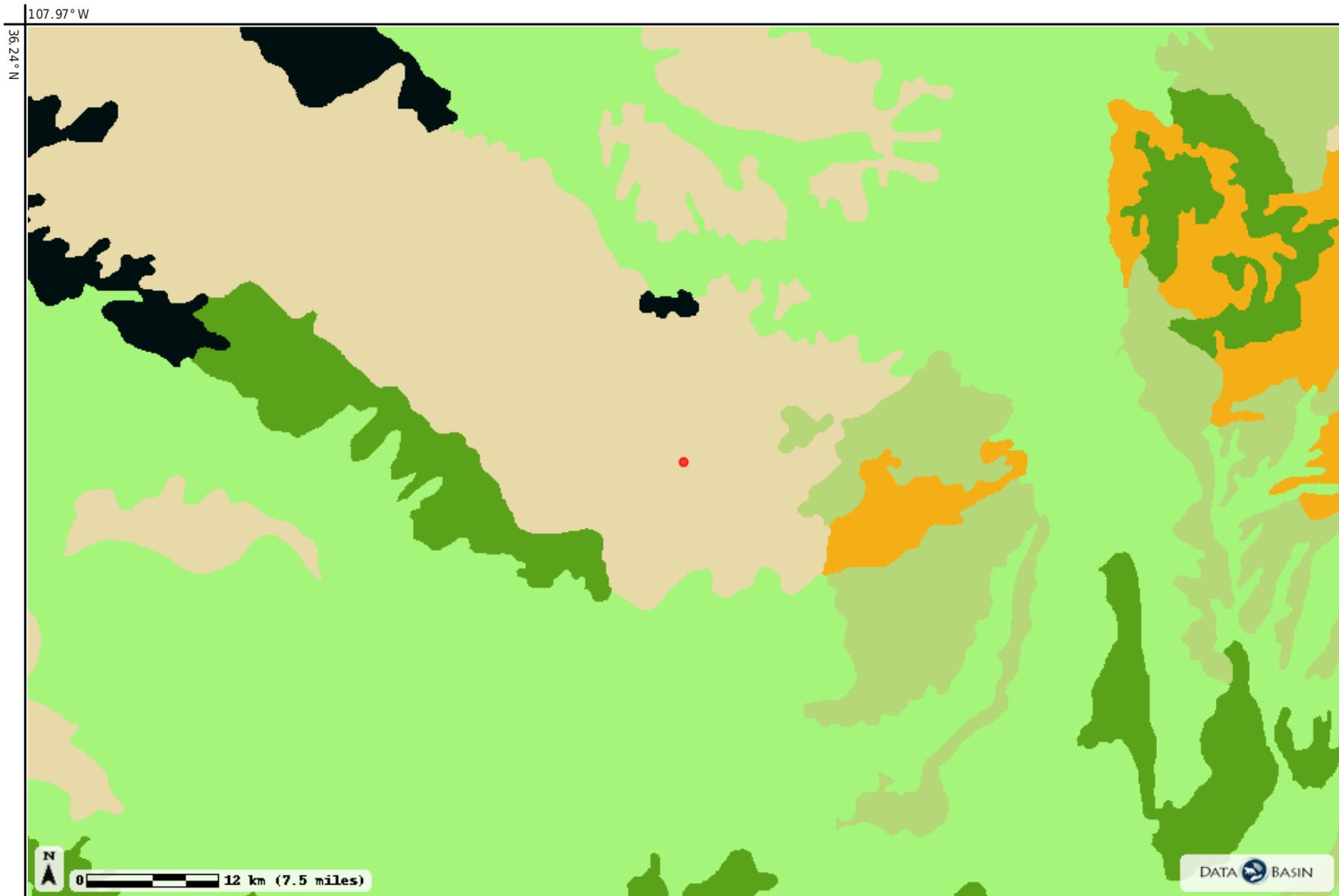
Legend

Soil Survey Geographic, State Soil Geographic, Global Soil Regions

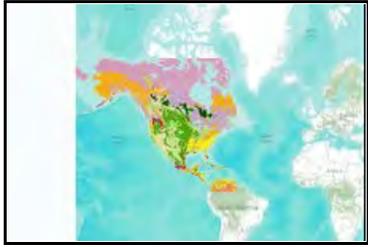
Displaying: Dominant Order

- Alfisols
- Andisols
- Aridisols
- Entisols
- Gelisols
- Histosols
- Inceptisols
- Miscellaneous area
- Mollisols
- Oxisols
- Spodosols
- Ultisols
- Vertisols
- Water

• -107.3235° Longitude, 35.8898° Latitude



Datasets

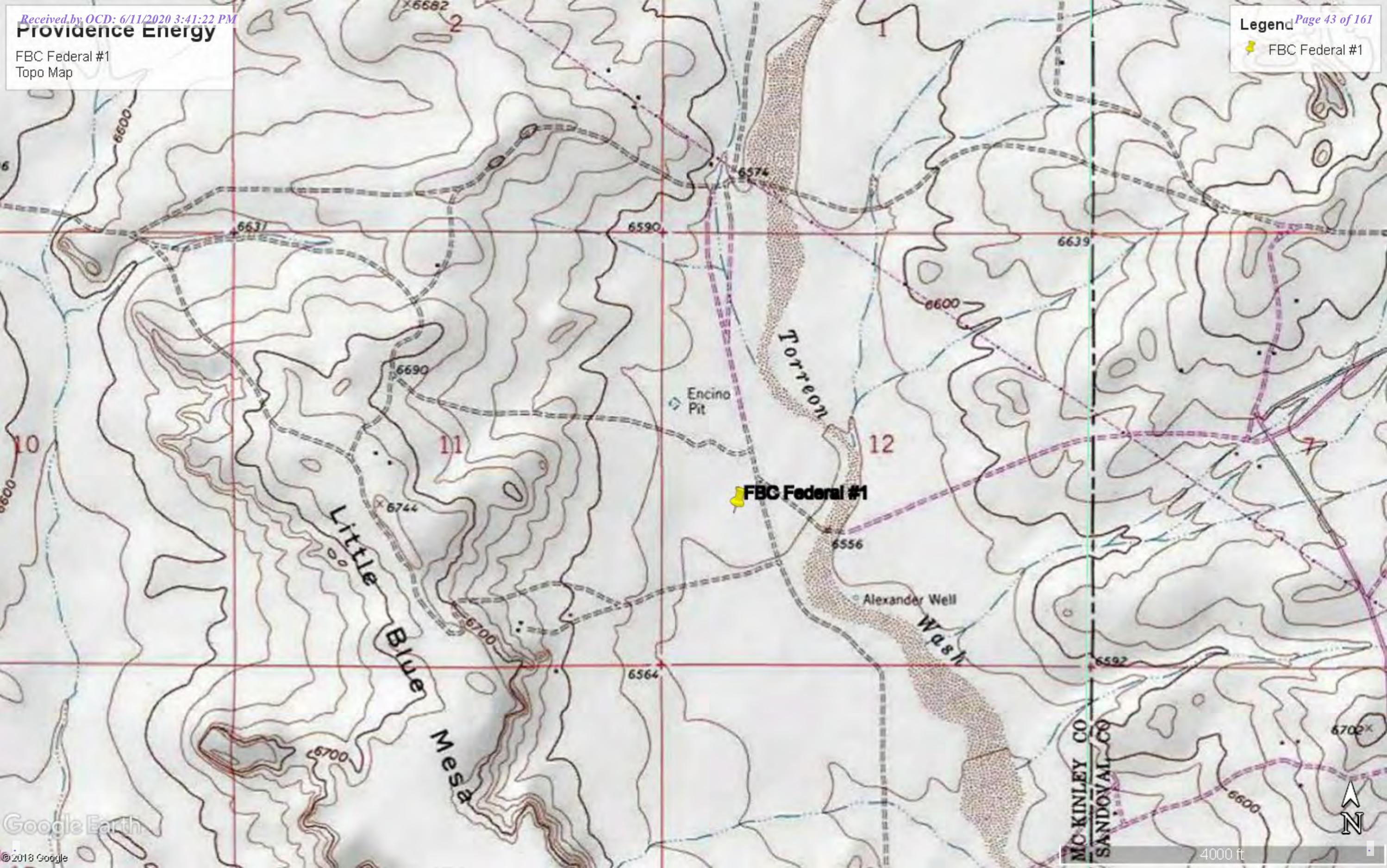


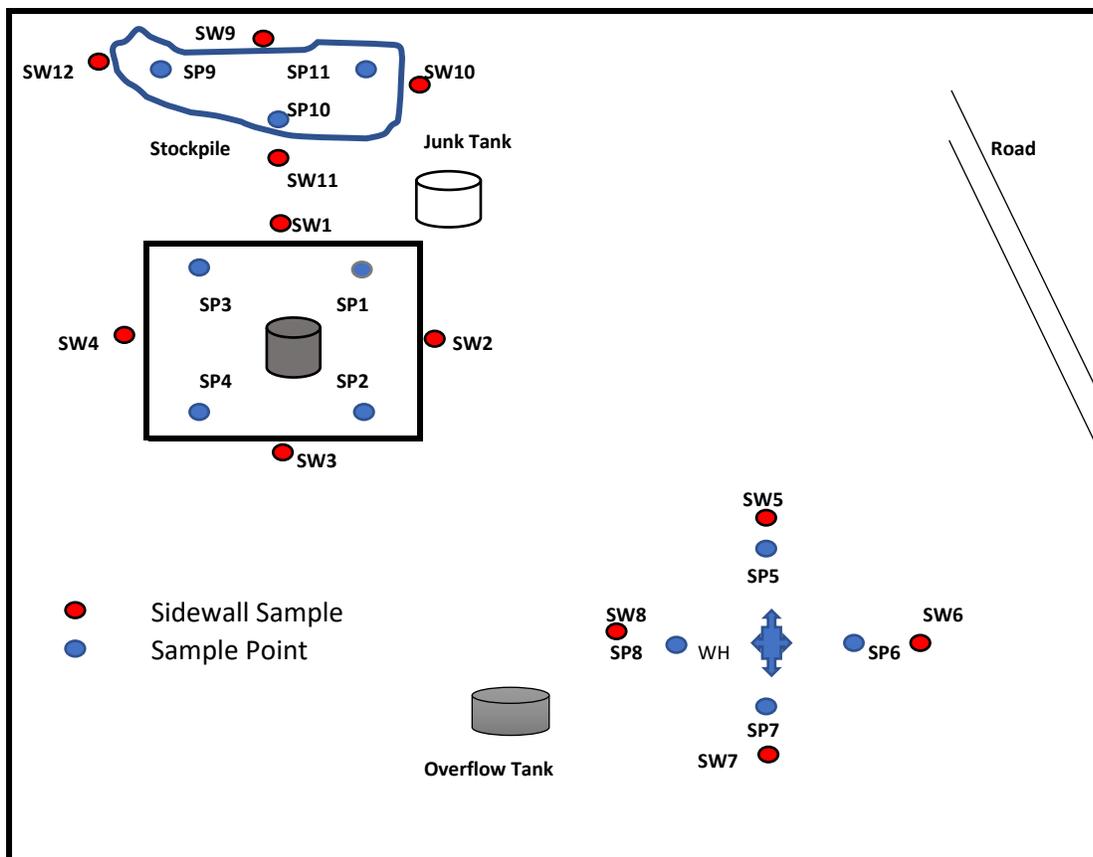
Soil Survey Map

<https://databasin.org/datasets/b0830fa54a604c9990f64bad6d6f4a14>

Credits: Source: USDA Natural Resources Conservation Service

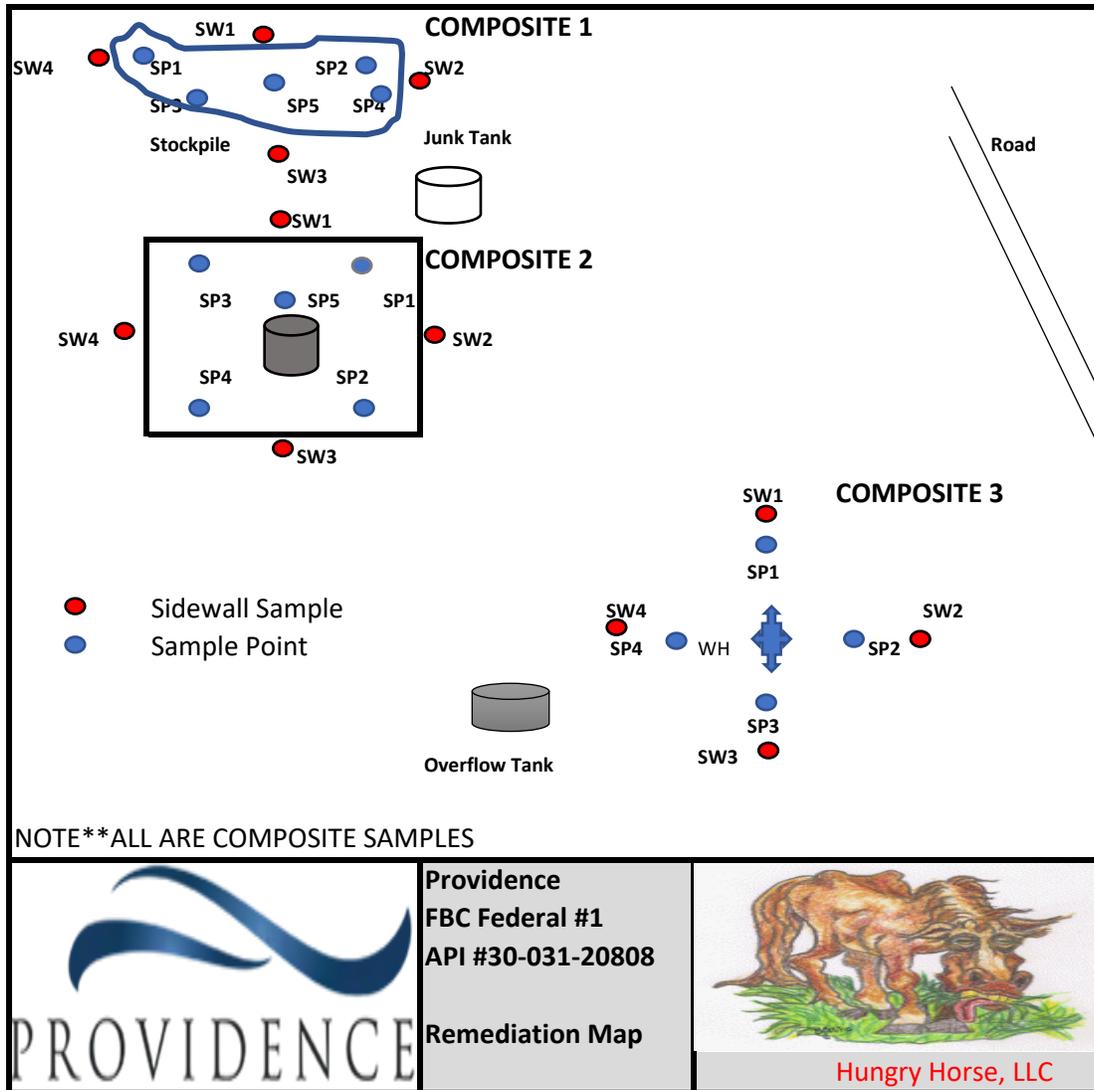
- Layers:**
- Soil Survey Geographic
 - State Soil Geographic
 - Global Soil Regions

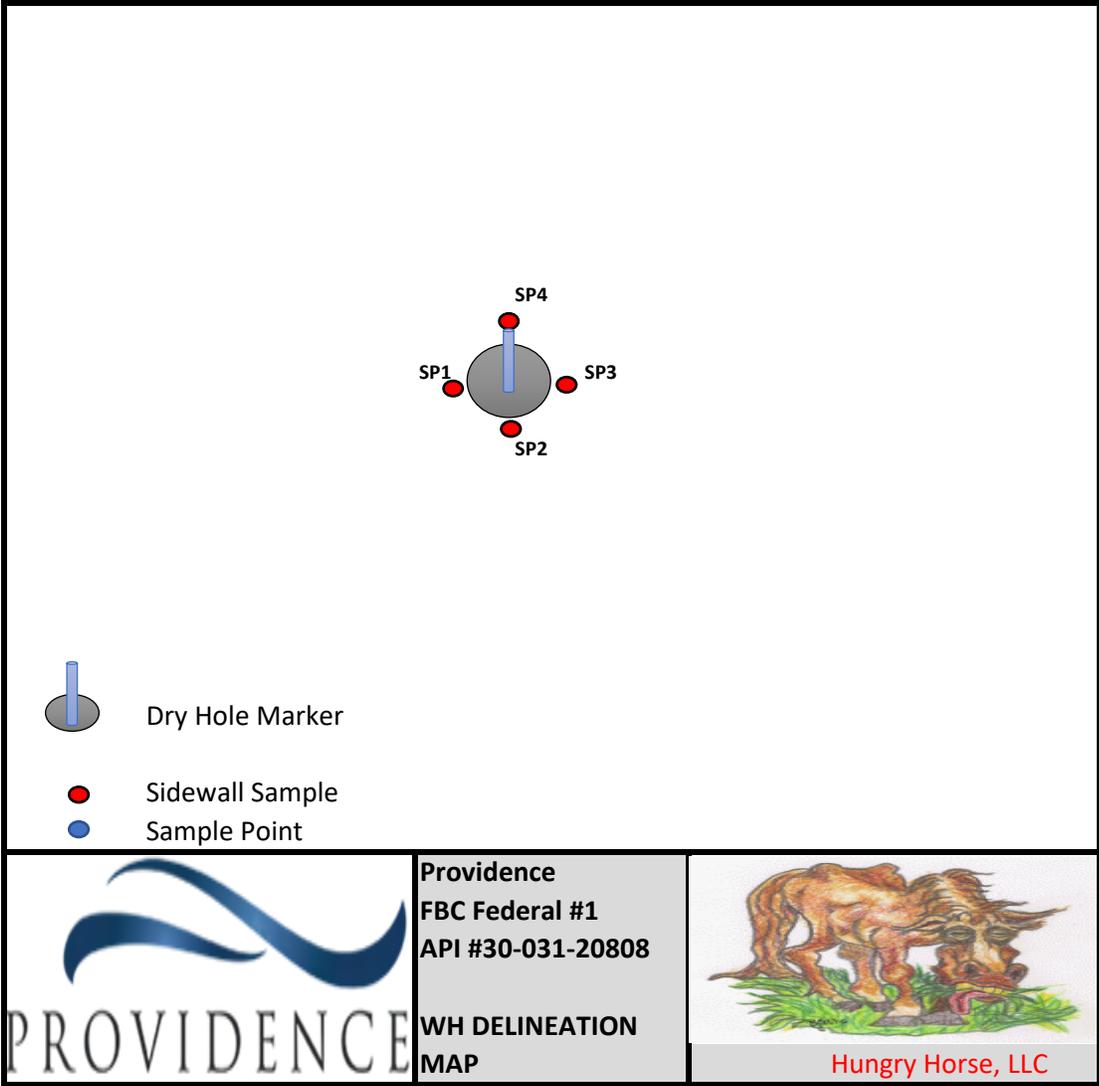




Providence
FBC Federal #1
API #30-031-20808
Delineation Map

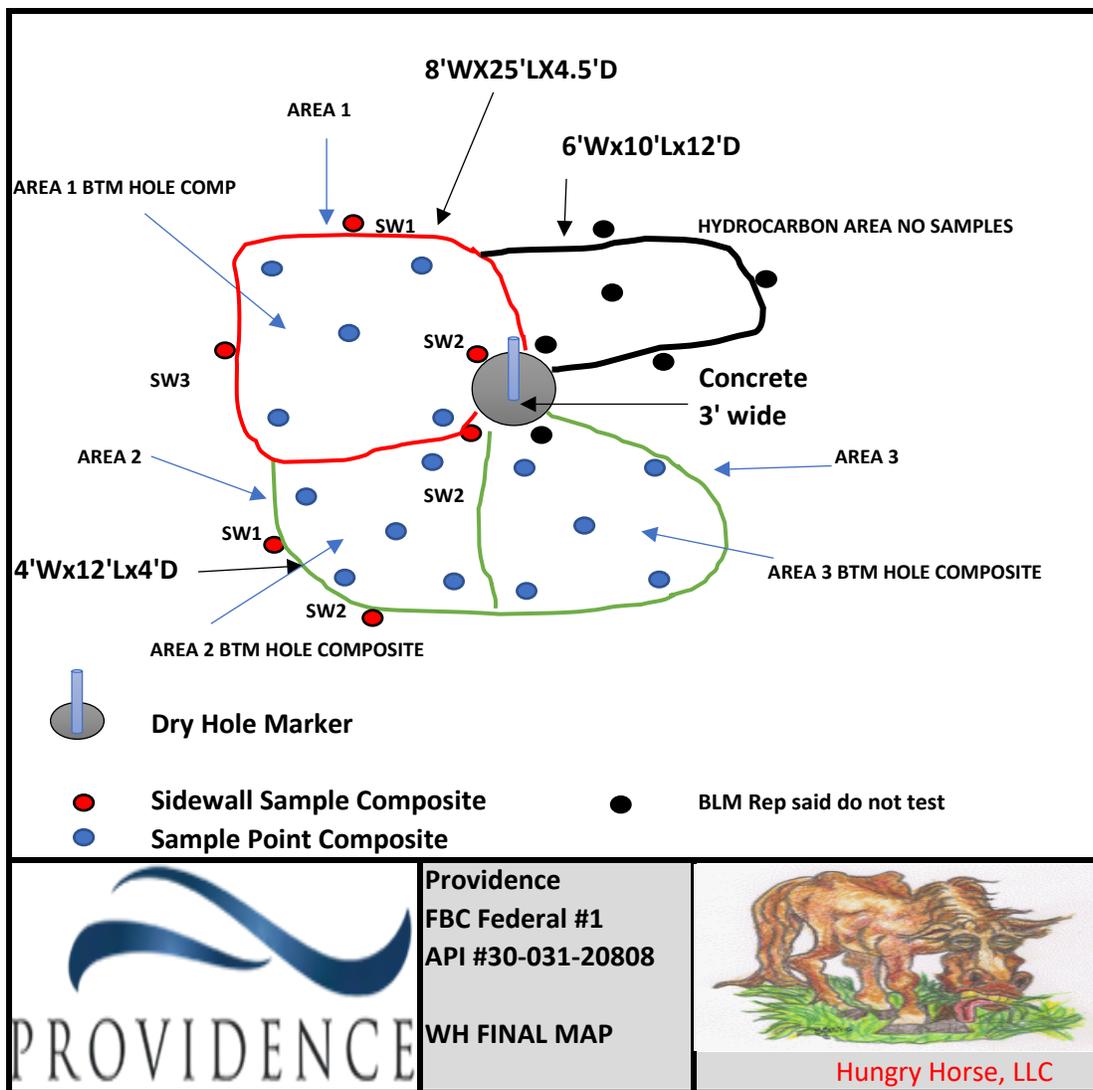






Providence
FBC Federal #1
API #30-031-20808
WH DELINEATION
MAP





COMPANY - Providence Energy		LOCATION # FBC Federal #1							RELEASE DATE Unknown	
SP ID	DEPTH	Field CHL	L-CHL	L-BTEX	L-GRO	L- DRO	L-ORO	TTL TPH	SOIL	NOTES
SP1	SUR	720							Sand	
SP1	1'	1040							Sand	
SP1	2'	1040							Sand	
SP1	3'	1200							Sand	
SP1	4'	1200							Sand	
SP1	5'	1040							Sand	
SP1	6'	560							Sand	
SP1	7'	400							Sand	
SP1	8'	720							Sand	
SP1	9'	N/A							Sand	Unstable Sidewalls
SP1	10'	480							Sand	
SP1	11'	N/A							Sand	Unstable Sidewalls
SP1	12'	480	32	<0.300	<10	<10	<10	<30	Sand	
SP2	SUR	480							Sand	
SP2	1'	400							Sand	
SP2	2'	480							Sand	
SP2	3'	400							Sand	
SP2	4'	400	32	<0.300	<10	<10	<10	<30	Sand	
SP3	SUR	400							Sand	
SP3	1'	800							Sand	
SP3	2'	560							Sand	
SP3	3'	480							Sand	
SP3	4'	480	96	<0.300	<10	<10	<10	<30	Sand	
SP4	SUR	320							Sand	
SP4	1'	880							Sand	
SP4	2'	1120							Sand	
SP4	3'	560							Sand	
SP4	4'	560	224	<0.300	<10	32.7	10.3	<53	Sand	

SP8	4'	1120							Sand	
SP8	5'	880							Sand	
SP8	6'	720	416	<10	<10	<10	<10	<30	Sand	
Stock P 1	SUR	880								
Stock P 1	2'	1440							Sand	
Stock P 1	4'	720							Sand	
Stock P 1	6'	560	352	<10	<10	<10	<10	<30	Sand	
Stock P 2	SUR	800								
Stock P 2	2'	1120							Sand	
Stock P 2	4'	720							Sand	
Stock P 2	6'	480	208	<10	<10	<10	<10	<30	Sand	
Stock P3	SUR	480								
Stock P3	2'	640							Sand	
Stock P3	4'	400							Sand	
Stock P3	6'	480	160	<0.300	<10	<10	<10	<30	Sand	
SW1	SUR	880							Sand	
SW1	1'	560							Sand	
SW1	2'	480							Sand	FIELD SAMPLES ONLY
SW2	SUR	560							Sand	
SW2	1'	320							Sand	
SW2	2'	480							Sand	FIELD SAMPLES ONLY
SW3	SUR	560							Sand	
SW3	1'	560							Sand	
SW3	2'	560							Sand	FIELD SAMPLES ONLY
SW4	SUR	560							Sand	
SW4	1'	1200							Sand	
SW4	2'	880							Sand	
SW4	3'	480							Sand	
SW4	4'	480							Sand	FIELD SAMPLES ONLY

SW5	SUR	1280							Sand	
SW5	1'	12000							Sand	
SW5	2'	480							Sand	FIELD SAMPLES ONLY
SW6	SUR	320							Sand	
SW6	1'	880							Sand	
SW6	2'	880							Sand	
SW6	3'	560							Sand	
SW6	4'	480							Sand	FIELD SAMPLES ONLY
SW7	SUR	240							Sand	
SW7	1'	480							Sand	
SW7	2'	400							Sand	FIELD SAMPLES ONLY
SW8	SUR	400							Sand	
SW8	1'	560							Sand	
SW8	2'	400							Sand	FIELD SAMPLES ONLY
SW9	SUR	640							Sand	
SW9	1'	240							Sand	
SW9	2'	400							Sand	FIELD SAMPLES ONLY
SW10	SUR	720							Sand	
SW10	1'	560							Sand	
SW10	2'	480							Sand	FIELD SAMPLES ONLY
SW11	SUR	400							Sand	
SW11	1'	400							Sand	
SW11	2'	400							Sand	FIELD SAMPLES ONLY
SW12	SUR	240							Sand	
SW12	1'	480							Sand	
SW12	2'	320							Sand	FIELD SAMPLES ONLY
COMP 1 SP1			371	ND	ND	ND	ND	ND	Sand	
COMP 1 SP2			277	ND	ND	ND	ND	ND	Sand	
COMP 1 SP3			65.7	ND	190	199	ND	389	Sand	

WH SP4	1'	320	114	ND	ND	ND	ND	ND	Sand	
WH SP4	2'	400	83.2	ND	ND	28	ND	28	Sand	
WH SP4	3'	N/A							Sand	COULD NOT GET SAMPLE/SLUFF OFF
WH SP4	4'	400	94.1	ND	ND	ND	ND	ND	Sand	
WELLHEAD	AREA	CLOSURE							Sand	SAMPLES WERE NOT FIELD TESTED ONLY
COMP 1 SP1	BTM	N/A	375	0.0637	ND	3080	ND	3080	Sand	LAB ON ALL SAMPLES TAKEN AROUND
AREA 1	SW1	N/A	180	ND	ND	588	906	1494	Sand	WELLHEAD
AREA 1	SW2	N/A	778	1.5	29.8	29600	10900	40529.8	Sand	
AREA 1	SW3	N/A	176	0.118	ND	218	257	475	Sand	
AREA 2	BTM	N/A	694	ND	ND	29.3	75.9	105.2	Sand	
AREA 2	SW1	N/A	348	ND	ND	N	58.2	58.2	Sand	
AREA 2	SW2	N/A	206	ND	ND	89.5	135	224.5	Sand	
AREA 3	BTM	N/A	397	ND	ND	427	387	814	Sand	
AREA 3	SW1									DO NOT TAKE IN PER BLM/HYDRO-CB
AREA 3	SW2	N/A	64.2	ND	ND	ND	ND	ND	Sand	
BATTERY COM		N/A	52.7	ND	ND	ND	ND	ND	Sand	
COMP 1		N/A	71.8	ND	ND	28.3	ND	28.3	Sand	
COMP 2		N/A	280	ND	ND	ND	ND	ND	Sand	
COMP 3		N/A	149	ND	ND	30.1	ND	30.1	Sand	
COMP 4		N/A	41.3	ND	ND	ND	ND	ND	Sand	
COMP 5		N/A	143	ND	ND	198	ND	198	Sand	
WH COMP		Field CHL	L-CHL	L-BTEX	L-GRO	L- DRO	L-ORO	TTL TPH		SHOULD HAVE BEEN LABELED 4,5,6
COMP #5		N/A	94.8	ND	ND	231	118	349	SAND	
COMP #6		N/A	72.2	ND	ND	293	156	449	SAND	
COMP #7		N/A	71.7	ND	ND	242	139	381	SAND	
WH COMP		Field CHL	L-CHL	L-BTEX	L-GRO	L- DRO	L-ORO	TTL TPH		SHOULD HAVE BEEN LABELED 4,5,6
COMP #5		N/A	365	ND	ND	ND	ND	ND	SAND	
COMP #6		N/A	299	ND	ND	ND	ND	ND	SAND	
COMP #7		N/A	415	ND	ND	ND	ND	ND	SAND	



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

August 14, 2019

DAKOATAN MONTANEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: FBZ FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 08/13/19 8:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DAKOATAN MONTANEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	08/13/2019	Sampling Date:	08/07/2019
Reported:	08/14/2019	Sampling Type:	Soil
Project Name:	FBZ FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	PROVIDENCE ENERGY		

Sample ID: SP 1- 12' (H902766-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2019	ND	1.89	94.4	2.00	2.01		
Toluene*	<0.050	0.050	08/13/2019	ND	2.08	104	2.00	1.30		
Ethylbenzene*	<0.050	0.050	08/13/2019	ND	2.07	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2019	ND	6.33	106	6.00	1.79		
Total BTEX	<0.300	0.300	08/13/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/13/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/13/2019	ND	201	101	200	3.72		
DRO >C10-C28*	<10.0	10.0	08/13/2019	ND	195	97.7	200	3.43		
EXT DRO >C28-C36	<10.0	10.0	08/13/2019	ND						

Surrogate: 1-Chlorooctane 76.5 % 41-142

Surrogate: 1-Chlorooctadecane 73.1 % 37.6-147

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*=Accredited Analyte

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



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Analytical Results For:

Hungry Horse Environmental
 DAKOATAN MONTANEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	08/13/2019	Sampling Date:	08/07/2019
Reported:	08/14/2019	Sampling Type:	Soil
Project Name:	FBZ FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	PROVIDENCE ENERGY		

Sample ID: SP 2- 4' (H902766-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2019	ND	1.89	94.4	2.00	2.01		
Toluene*	<0.050	0.050	08/13/2019	ND	2.08	104	2.00	1.30		
Ethylbenzene*	<0.050	0.050	08/13/2019	ND	2.07	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2019	ND	6.33	106	6.00	1.79		
Total BTEX	<0.300	0.300	08/13/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/13/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/13/2019	ND	201	101	200	3.72		
DRO >C10-C28*	<10.0	10.0	08/13/2019	ND	195	97.7	200	3.43		
EXT DRO >C28-C36	<10.0	10.0	08/13/2019	ND						

Surrogate: 1-Chlorooctane 74.1 % 41-142

Surrogate: 1-Chlorooctadecane 70.8 % 37.6-147

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



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Analytical Results For:

Hungry Horse Environmental
 DAKOATAN MONTANEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	08/13/2019	Sampling Date:	08/07/2019
Reported:	08/14/2019	Sampling Type:	Soil
Project Name:	FBZ FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	PROVIDENCE ENERGY		

Sample ID: SP 3- 4' (H902766-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2019	ND	1.89	94.4	2.00	2.01	
Toluene*	<0.050	0.050	08/13/2019	ND	2.08	104	2.00	1.30	
Ethylbenzene*	<0.050	0.050	08/13/2019	ND	2.07	103	2.00	1.27	
Total Xylenes*	<0.150	0.150	08/13/2019	ND	6.33	106	6.00	1.79	
Total BTEX	<0.300	0.300	08/13/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/13/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2019	ND	201	101	200	3.72	
DRO >C10-C28*	<10.0	10.0	08/13/2019	ND	195	97.7	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	08/13/2019	ND					

Surrogate: 1-Chlorooctane 75.6 % 41-142

Surrogate: 1-Chlorooctadecane 74.3 % 37.6-147

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



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Analytical Results For:

Hungry Horse Environmental
 DAKOATAN MONTANEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	08/13/2019	Sampling Date:	08/07/2019
Reported:	08/14/2019	Sampling Type:	Soil
Project Name:	FBZ FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	PROVIDENCE ENERGY		

Sample ID: SP 4- 4' (H902766-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2019	ND	1.89	94.4	2.00	2.01		
Toluene*	<0.050	0.050	08/13/2019	ND	2.08	104	2.00	1.30		
Ethylbenzene*	<0.050	0.050	08/13/2019	ND	2.07	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2019	ND	6.33	106	6.00	1.79		
Total BTEX	<0.300	0.300	08/13/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	08/13/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/13/2019	ND	201	101	200	3.72		
DRO >C10-C28*	32.7	10.0	08/13/2019	ND	195	97.7	200	3.43		
EXT DRO >C28-C36	10.3	10.0	08/13/2019	ND						

Surrogate: 1-Chlorooctane 76.6 % 41-142

Surrogate: 1-Chlorooctadecane 76.6 % 37.6-147

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



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Analytical Results For:

Hungry Horse Environmental
 DAKOATAN MONTANEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	08/13/2019	Sampling Date:	08/08/2019
Reported:	08/14/2019	Sampling Type:	Soil
Project Name:	FBZ FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	PROVIDENCE ENERGY		

Sample ID: SP 5- 12' (H902766-05)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2019	ND	1.89	94.4	2.00	2.01		
Toluene*	<0.050	0.050	08/13/2019	ND	2.08	104	2.00	1.30		
Ethylbenzene*	<0.050	0.050	08/13/2019	ND	2.07	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2019	ND	6.33	106	6.00	1.79		
Total BTEX	<0.300	0.300	08/13/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	08/13/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/13/2019	ND	201	101	200	3.72		
DRO >C10-C28*	<10.0	10.0	08/13/2019	ND	195	97.7	200	3.43		
EXT DRO >C28-C36	<10.0	10.0	08/13/2019	ND						

Surrogate: 1-Chlorooctane 75.1 % 41-142

Surrogate: 1-Chlorooctadecane 73.1 % 37.6-147

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



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Analytical Results For:

Hungry Horse Environmental
 DAKOATAN MONTANEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	08/13/2019	Sampling Date:	08/08/2019
Reported:	08/14/2019	Sampling Type:	Soil
Project Name:	FBZ FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	PROVIDENCE ENERGY		

Sample ID: SP 6- 6' (H902766-06)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2019	ND	1.89	94.4	2.00	2.01		
Toluene*	<0.050	0.050	08/13/2019	ND	2.08	104	2.00	1.30		
Ethylbenzene*	<0.050	0.050	08/13/2019	ND	2.07	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/13/2019	ND	6.33	106	6.00	1.79		
Total BTEX	<0.300	0.300	08/13/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/13/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/13/2019	ND	201	101	200	3.72		
DRO >C10-C28*	<10.0	10.0	08/13/2019	ND	195	97.7	200	3.43		
EXT DRO >C28-C36	<10.0	10.0	08/13/2019	ND						

Surrogate: 1-Chlorooctane 74.0 % 41-142

Surrogate: 1-Chlorooctadecane 72.6 % 37.6-147

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*=Accredited Analyte

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



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Analytical Results For:

Hungry Horse Environmental
 DAKOATAN MONTANEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	08/13/2019	Sampling Date:	08/08/2019
Reported:	08/14/2019	Sampling Type:	Soil
Project Name:	FBZ FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	PROVIDENCE ENERGY		

Sample ID: SP 7- 6' (H902766-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2019	ND	1.89	94.4	2.00	2.01	
Toluene*	<0.050	0.050	08/13/2019	ND	2.08	104	2.00	1.30	
Ethylbenzene*	<0.050	0.050	08/13/2019	ND	2.07	103	2.00	1.27	
Total Xylenes*	<0.150	0.150	08/13/2019	ND	6.33	106	6.00	1.79	
Total BTEX	<0.300	0.300	08/13/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	08/13/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2019	ND	201	101	200	3.72	
DRO >C10-C28*	<10.0	10.0	08/13/2019	ND	195	97.7	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	08/13/2019	ND					

Surrogate: 1-Chlorooctane 76.0 % 41-142

Surrogate: 1-Chlorooctadecane 74.9 % 37.6-147

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



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

Analytical Results For:

Hungry Horse Environmental
 DAKOATAN MONTANEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	08/13/2019	Sampling Date:	08/07/2019
Reported:	08/14/2019	Sampling Type:	Soil
Project Name:	FBZ FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	PROVIDENCE ENERGY		

Sample ID: SP 8- 6' (H902766-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2019	ND	1.89	94.4	2.00	2.01	
Toluene*	<0.050	0.050	08/13/2019	ND	2.08	104	2.00	1.30	
Ethylbenzene*	<0.050	0.050	08/13/2019	ND	2.07	103	2.00	1.27	
Total Xylenes*	<0.150	0.150	08/13/2019	ND	6.33	106	6.00	1.79	
Total BTEX	<0.300	0.300	08/13/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/13/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/13/2019	ND	201	101	200	3.72	
DRO >C10-C28*	<10.0	10.0	08/13/2019	ND	195	97.7	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	08/13/2019	ND					

Surrogate: 1-Chlorooctane 71.7 % 41-142

Surrogate: 1-Chlorooctadecane 69.0 % 37.6-147

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



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

Analytical Results For:

Hungry Horse Environmental
 DAKOATAN MONTANEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	08/13/2019	Sampling Date:	08/08/2019
Reported:	08/14/2019	Sampling Type:	Soil
Project Name:	FBZ FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	PROVIDENCE ENERGY		

Sample ID: STOCKPILE 1 - 6 (H902766-09)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/14/2019	ND	1.89	94.4	2.00	2.01		
Toluene*	<0.050	0.050	08/14/2019	ND	2.08	104	2.00	1.30		
Ethylbenzene*	<0.050	0.050	08/14/2019	ND	2.07	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/14/2019	ND	6.33	106	6.00	1.79		
Total BTEX	<0.300	0.300	08/14/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	08/13/2019	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/13/2019	ND	201	101	200	3.72		
DRO >C10-C28*	<10.0	10.0	08/13/2019	ND	195	97.7	200	3.43		
EXT DRO >C28-C36	<10.0	10.0	08/13/2019	ND						

Surrogate: 1-Chlorooctane 76.8 % 41-142

Surrogate: 1-Chlorooctadecane 75.3 % 37.6-147

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



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

Analytical Results For:

Hungry Horse Environmental
 DAKOATAN MONTANEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	08/13/2019	Sampling Date:	08/08/2019
Reported:	08/14/2019	Sampling Type:	Soil
Project Name:	FBZ FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	PROVIDENCE ENERGY		

Sample ID: STOCKPILE 2 - 6 (H902766-10)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/14/2019	ND	1.89	94.4	2.00	2.01		
Toluene*	<0.050	0.050	08/14/2019	ND	2.08	104	2.00	1.30		
Ethylbenzene*	<0.050	0.050	08/14/2019	ND	2.07	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/14/2019	ND	6.33	106	6.00	1.79		
Total BTEX	<0.300	0.300	08/14/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	08/13/2019	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/13/2019	ND	201	101	200	3.72		
DRO >C10-C28*	<10.0	10.0	08/13/2019	ND	195	97.7	200	3.43		
EXT DRO >C28-C36	<10.0	10.0	08/13/2019	ND						

Surrogate: 1-Chlorooctane 76.3 % 41-142

Surrogate: 1-Chlorooctadecane 74.6 % 37.6-147

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



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

Analytical Results For:

Hungry Horse Environmental
 DAKOATAN MONTANEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	08/13/2019	Sampling Date:	08/08/2019
Reported:	08/14/2019	Sampling Type:	Soil
Project Name:	FBZ FEDERAL #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	PROVIDENCE ENERGY		

Sample ID: STOCKPILE 3 - 6 (H902766-11)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/14/2019	ND	1.89	94.4	2.00	2.01		
Toluene*	<0.050	0.050	08/14/2019	ND	2.08	104	2.00	1.30		
Ethylbenzene*	<0.050	0.050	08/14/2019	ND	2.07	103	2.00	1.27		
Total Xylenes*	<0.150	0.150	08/14/2019	ND	6.33	106	6.00	1.79		
Total BTEX	<0.300	0.300	08/14/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/13/2019	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/13/2019	ND	201	101	200	3.72		
DRO >C10-C28*	<10.0	10.0	08/13/2019	ND	195	97.7	200	3.43		
EXT DRO >C28-C36	<10.0	10.0	08/13/2019	ND						

Surrogate: 1-Chlorooctane 76.5 % 41-142

Surrogate: 1-Chlorooctadecane 74.3 % 37.6-147

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



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

Notes and Definitions

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

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

1 of 2

RUSH!

BILL TO

ANALYSIS REQUEST

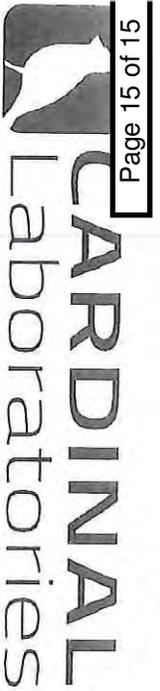
Company Name: PROVIDENCE ENERGY
 Project Manager: DAKOTA HENNINGER
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: _____
 Project Location: FBZ Federal #1
 Sampler Name: h. Gardner
 P.O. #: _____
 Company: _____
 Attn: Karen Herbst
 Address: 91400 park way
 City: Dallas TX
 State: TX Zip: 75248
 Phone #: 972-582-9131
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chirides	BTEX	PH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H027160	1 SPAN, '1-12'	G 1	1	Y						8-7-19	10:43	X	X	X
	2 SP3-4'	G 1	1	X						8-7-19	10:25	X	X	X
	3 SP3-4'	G 1	1	X						8-7-19	11:13	X	X	X
	4 SP4-4'	G 1	1	X						8-7-19	12:00	X	X	X
	5 SP5-12'	G 1	1	X						8-8-19	12:20	X	X	X
	6 SP6-6'	G 1	1	X						8-8-19	12:54	X	X	X
	7 SP7-6'	G 1	1	X						8-8-19	1:40	X	X	X
	8 SP8-6'	G 1	1	X						8-11-19	2:45	X	X	X

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Relinquished By: Dakota Henninger Date: 8-13-19
 Time: 0810
 Resealed By: Yvonne Chavez
 Delivered By: (Circle One) 3.62 \$97
 Sampler - UPS - Bus - Other: Conserved 3.02
 Sample Condition: Cool Intact
 CHECKED BY: Yvonne Chavez

REMARKS:
Kmontaneze@Hugry-Horse.com
Nglaadecbn@Hugry-Horse.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

8048 RUSH!

Company Name: **Providence Energy**
 Project Manager: **P. Montanez**

BILL TO

ANALYSIS REQUEST

Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: _____
 Project Location: **F32-Federal #1**
 Sampler Name: **G. Garcia**

P.O. #: _____
 Company: _____
 Attn: **Karen Herbst**
 Address: **1640 Parkway**
 City: **Dallas**
 State: **TX** Zip: **75248**
 Phone #: **214-522-9131**
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H902766	Stockpile 1-6		9			X				8-8-19	2:06	Chlorides
	10 Stockpile 2-6		9			X				8-8-19	2:14	BTEX
	11 Stockpile 3-6		9			X				8-8-19	8:33	TPH

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Relinquished By: **Harrison Murrell**
 Date: **8-13-19**
 Time: **1810**

Received By: **Jayana**
 Date: _____
 Time: _____

Delivered By: (Circle One) **2-6c** #97
 Sampler - UPS - Bus - Other: **Expected 30c**
 Sample Condition: Intact Cool Yes No
 CHECKED BY: **SO**

REMARKS: **Montanez@Hurgry-Horse.com**
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:



Analytical Report

Report Summary

Client: Hungry Horse

Samples Received: 8/28/2019

Job Number: 19054-0002

Work Order: P908085

Project Name/Location: J & I Productions FBC
Fed #1

Report Reviewed By:

A handwritten signature in black ink that reads 'Walter Hinchman'.

Date: 8/30/19

Walter Hinchman, Laboratory Director



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 Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.



Hungry Horse
PO box 1058
Hobbs NM, 88240

Project Name: J & I Productions FBC Fed #1
Project Number: 19054-0002
Project Manager: Eddie Gayton

Reported:
08/30/19 14:56

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Composite #1 Sample Point #1	P908085-01A	Soil	08/27/19	08/28/19	Glass Jar, 4 oz.
Composite #1 Sample Point #2	P908085-02A	Soil	08/27/19	08/28/19	Glass Jar, 4 oz.
Composite #1 Sample Point #3	P908085-03A	Soil	08/27/19	08/28/19	Glass Jar, 4 oz.
Composite #1 Sample Point #4	P908085-04A	Soil	08/27/19	08/28/19	Glass Jar, 4 oz.
Composite #1 Sample Point #5	P908085-05A	Soil	08/27/19	08/28/19	Glass Jar, 4 oz.
Composite #1 Sidewall #1	P908085-06A	Soil	08/27/19	08/28/19	Glass Jar, 4 oz.
Composite #1 Sidewall #2	P908085-07A	Soil	08/27/19	08/28/19	Glass Jar, 4 oz.
Composite #1 Sidewall #3	P908085-08A	Soil	08/27/19	08/28/19	Glass Jar, 4 oz.
Composite #1 Sidewall #4	P908085-09A	Soil	08/27/19	08/28/19	Glass Jar, 4 oz.
Composite #3 SamplePoint #1	P908085-10A	Soil	08/28/19	08/28/19	Glass Jar, 4 oz.
Composite #3 SamplePoint #2	P908085-11A	Soil	08/28/19	08/28/19	Glass Jar, 4 oz.
Composite #3 SamplePoint #3	P908085-12A	Soil	08/28/19	08/28/19	Glass Jar, 4 oz.
Composite #3 SamplePoint #4	P908085-13A	Soil	08/28/19	08/28/19	Glass Jar, 4 oz.
Composite #3 SamplePoint #1,2,3,4	P908085-14A	Soil	08/28/19	08/28/19	Glass Jar, 4 oz.
Composite #3 Sidewall #1	P908085-15A	Soil	08/28/19	08/28/19	Glass Jar, 4 oz.
Composite #3 Sidewall #2	P908085-16A	Soil	08/28/19	08/28/19	Glass Jar, 4 oz.
Composite #3 Sidewall #3	P908085-17A	Soil	08/28/19	08/28/19	Glass Jar, 4 oz.
Composite #3 Sidewall #4	P908085-18A	Soil	08/28/19	08/28/19	Glass Jar, 4 oz.
Background	P908085-19A	Soil	08/28/19	08/28/19	Glass Jar, 4 oz.

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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #1 Sample Point #1
P908085-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.7 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Toluene-d8</i>		87.5 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Bromofluorobenzene</i>		101 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		161 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.7 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Toluene-d8</i>		87.5 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Bromofluorobenzene</i>		101 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	371	20.0	mg/kg	1	1935036	08/28/19	08/28/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #1 Sample Point #2
P908085-02 (Solid)**

Analyte	Result	Reporting							
		Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Toluene-d8</i>		89.1 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Bromofluorobenzene</i>		100 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: n-Nonane</i>		121 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Toluene-d8</i>		89.1 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Bromofluorobenzene</i>		100 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D

Anions by 300.0/9056A

Chloride	277	20.0	mg/kg	1	1935036	08/28/19	08/28/19	EPA 300.0/9056A
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #1 Sample Point #3
P908085-03 (Solid)**

Analyte	Result	Reporting							
		Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Toluene-d8</i>		88.1 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Bromofluorobenzene</i>		99.7 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	190	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
Oil Range Organics (C28-C40)	199	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: n-Nonane</i>		95.6 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Toluene-d8</i>		88.1 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Bromofluorobenzene</i>		99.7 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D

Anions by 300.0/9056A

Chloride	65.7	20.0	mg/kg	1	1935036	08/28/19	08/28/19	EPA 300.0/9056A
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #1 Sample Point #4
P908085-04 (Solid)**

Analyte	Reporting							
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Toluene-d8</i>		88.1 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Bromofluorobenzene</i>		99.0 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		78.7 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Toluene-d8</i>		88.1 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Bromofluorobenzene</i>		99.0 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	70.5	20.0	mg/kg	1	1935036	08/28/19	08/28/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #1 Sample Point #5
P908085-05 (Solid)**

Analyte	Reporting								
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Toluene-d8</i>		89.4 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	29.7	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		146 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Toluene-d8</i>		89.4 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	219	20.0	mg/kg	1	1935036	08/28/19	08/28/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #1 Sidewall #1
P908085-06 (Solid)**

Analyte	Result	Reporting							
		Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Toluene-d8</i>		89.0 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Bromofluorobenzene</i>		98.4 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: n-Nonane</i>		110 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Toluene-d8</i>		89.0 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Bromofluorobenzene</i>		98.4 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935036	08/28/19	08/28/19	EPA 300.0/9056A
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #1 Sidewall #2
P908085-07 (Solid)**

Analyte	Result	Reporting							
		Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Toluene-d8</i>		88.9 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Bromofluorobenzene</i>		98.5 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: n-Nonane</i>		72.8 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Toluene-d8</i>		88.9 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Bromofluorobenzene</i>		98.5 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D

Anions by 300.0/9056A

Chloride	91.6	20.0	mg/kg	1	1935036	08/28/19	08/29/19	EPA 300.0/9056A
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #1 Sidewall #3
P908085-08 (Solid)**

Analyte	Result	Reporting							
		Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Toluene-d8</i>		90.5 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Bromofluorobenzene</i>		99.0 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: n-Nonane</i>		65.8 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Toluene-d8</i>		90.5 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Bromofluorobenzene</i>		99.0 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D

Anions by 300.0/9056A

Chloride	186	20.0	mg/kg	1	1935036	08/28/19	08/29/19	EPA 300.0/9056A
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #1 Sidewall #4
P908085-09 (Solid)**

Analyte	Result	Reporting							
		Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Toluene-d8</i>		87.4 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Bromofluorobenzene</i>		98.6 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: n-Nonane</i>		91.5 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Toluene-d8</i>		87.4 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Bromofluorobenzene</i>		98.6 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935036	08/28/19	08/29/19	EPA 300.0/9056A
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #3 SamplePoint #1
P908085-10 (Solid)**

Analyte	Reporting								
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Toluene-d8</i>		87.3 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Bromofluorobenzene</i>		100 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		67.2 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Toluene-d8</i>		87.3 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Bromofluorobenzene</i>		100 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	58.2	20.0	mg/kg	1	1935036	08/28/19	08/29/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #3 SamplePoint #2
P908085-11 (Solid)**

Analyte	Reporting								
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Toluene-d8</i>		98.2 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	28.0	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		120 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Toluene-d8</i>		98.2 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	127	20.0	mg/kg	1	1935036	08/28/19	08/29/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #3 SamplePoint #3
P908085-12 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Toluene-d8</i>		98.7 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Bromofluorobenzene</i>		96.5 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		115 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Toluene-d8</i>		98.7 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Bromofluorobenzene</i>		96.5 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	436	20.0	mg/kg	1	1935036	08/28/19	08/29/19	EPA 300.0/9056A	
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Hungry Horse PO box 1058 Hobbs NM, 88240	Project Name: J & I Productions FBC Fed #1 Project Number: 19054-0002 Project Manager: Eddie Gayton	Reported: 08/30/19 14:56
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**Composite #3 SamplePoint #4
P908085-13 (Solid)**

Analyte	Reporting								
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.7 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Toluene-d8</i>		98.6 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	64.6	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	84.4	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		112 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.7 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Toluene-d8</i>		98.6 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Bromofluorobenzene</i>		95.6 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	290	20.0	mg/kg	1	1935036	08/28/19	08/29/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #3 SamplePoint #1,2,3,4
P908085-14 (Solid)**

Analyte	Reporting								Notes
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Toluene-d8</i>		98.8 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	
<i>Surrogate: Bromofluorobenzene</i>		94.8 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	29.3	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
Oil Range Organics (C28-C40)	50.9	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		109 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Toluene-d8</i>		98.8 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	
<i>Surrogate: Bromofluorobenzene</i>		94.8 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	259	20.0	mg/kg	1	1935036	08/28/19	08/29/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #3 Sidewall #1
P908085-15 (Solid)**

Analyte	Result	Reporting							
		Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Toluene-d8</i>		97.9 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Bromofluorobenzene</i>		94.3 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: n-Nonane</i>		116 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Toluene-d8</i>		97.9 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Bromofluorobenzene</i>		94.3 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935036	08/28/19	08/29/19	EPA 300.0/9056A
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #3 Sidewall #2
P908085-16 (Solid)**

Analyte	Result	Reporting							
		Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Toluene-d8</i>		98.9 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Bromofluorobenzene</i>		95.0 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: n-Nonane</i>		114 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Toluene-d8</i>		98.9 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Bromofluorobenzene</i>		95.0 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D

Anions by 300.0/9056A

Chloride	62.9	20.0	mg/kg	1	1935036	08/28/19	08/29/19	EPA 300.0/9056A
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #3 Sidewall #3
P908085-17 (Solid)**

Analyte	Result	Reporting							
		Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Toluene-d8</i>		98.2 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Bromofluorobenzene</i>		97.4 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: n-Nonane</i>		116 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Toluene-d8</i>		98.2 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Bromofluorobenzene</i>		97.4 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D

Anions by 300.0/9056A

Chloride	284	20.0	mg/kg	1	1935036	08/28/19	08/29/19	EPA 300.0/9056A
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Composite #3 Sidewall #4
P908085-18 (Solid)**

Analyte	Result	Reporting							
		Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Toluene-d8</i>		98.2 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Bromofluorobenzene</i>		95.5 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	41.3	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: n-Nonane</i>		137 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Toluene-d8</i>		98.2 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Bromofluorobenzene</i>		95.5 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D

Anions by 300.0/9056A

Chloride	221	20.0	mg/kg	1	1935036	08/28/19	08/29/19	EPA 300.0/9056A
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

**Background
P908085-19 (Solid)**

Analyte	Result	Reporting							
		Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Toluene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Ethylbenzene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
p,m-Xylene	ND	0.0500	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
o-Xylene	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
Total Xylenes	ND	0.0250	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Toluene-d8</i>		98.0 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B
<i>Surrogate: Bromofluorobenzene</i>		97.0 %		70-130	1935040	08/29/19	08/29/19	EPA 8260B

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1935039	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: n-Nonane</i>		121 %		50-200	1935039	08/29/19	08/29/19	EPA 8015D

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Toluene-d8</i>		98.0 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D
<i>Surrogate: Bromofluorobenzene</i>		97.0 %		70-130	1935040	08/29/19	08/29/19	EPA 8015D

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1935036	08/28/19	08/29/19	EPA 300.0/9056A
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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1935040 - Purge and Trap EPA 5030A

Blank (1935040-BLK1)

Prepared: 08/29/19 1 Analyzed: 08/30/19 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.521</i>		"	<i>0.500</i>		<i>104</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.490</i>		"	<i>0.500</i>		<i>98.0</i>	<i>70-130</i>			
<i>Surrogate: Bromofluorobenzene</i>	<i>0.477</i>		"	<i>0.500</i>		<i>95.4</i>	<i>70-130</i>			

LCS (1935040-BS1)

Prepared & Analyzed: 08/29/19 1

Benzene	2.23	0.0250	mg/kg	2.50	ND	89.0	70-130			
Toluene	2.18	0.0250	"	2.50	ND	87.3	70-130			
Ethylbenzene	2.24	0.0250	"	2.50	ND	89.8	70-130			
p,m-Xylene	4.43	0.0500	"	5.00	ND	88.5	70-130			
o-Xylene	2.19	0.0250	"	2.50	ND	87.8	70-130			
Total Xylenes	6.62	0.0250	"	7.50	ND	88.3	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.496</i>		"	<i>0.500</i>		<i>99.1</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.498</i>		"	<i>0.500</i>		<i>99.6</i>	<i>70-130</i>			
<i>Surrogate: Bromofluorobenzene</i>	<i>0.499</i>		"	<i>0.500</i>		<i>99.8</i>	<i>70-130</i>			

Matrix Spike (1935040-MS1)

Source: P908081-01

Prepared & Analyzed: 08/29/19 1

Benzene	2.10	0.0250	mg/kg	2.50	ND	83.8	48-131			
Toluene	2.07	0.0250	"	2.50	ND	82.6	48-130			
Ethylbenzene	2.14	0.0250	"	2.50	ND	85.5	45-135			
p,m-Xylene	4.21	0.0500	"	5.00	ND	84.2	43-135			
o-Xylene	2.11	0.0250	"	2.50	ND	84.3	43-135			
Total Xylenes	6.32	0.0250	"	7.50	ND	84.3	43-135			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.493</i>		"	<i>0.500</i>		<i>98.6</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.501</i>		"	<i>0.500</i>		<i>100</i>	<i>70-130</i>			
<i>Surrogate: Bromofluorobenzene</i>	<i>0.508</i>		"	<i>0.500</i>		<i>102</i>	<i>70-130</i>			

Matrix Spike Dup (1935040-MSD1)

Source: P908081-01

Prepared & Analyzed: 08/29/19 1

Benzene	2.24	0.0250	mg/kg	2.50	ND	89.6	48-131	6.71	23	
Toluene	2.19	0.0250	"	2.50	ND	87.5	48-130	5.81	24	
Ethylbenzene	2.26	0.0250	"	2.50	ND	90.5	45-135	5.68	27	
p,m-Xylene	4.46	0.0500	"	5.00	ND	89.1	43-135	5.65	27	
o-Xylene	2.22	0.0250	"	2.50	ND	88.9	43-135	5.26	27	
Total Xylenes	6.68	0.0250	"	7.50	ND	89.0	43-135	5.52	27	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.517</i>		"	<i>0.500</i>		<i>103</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.502</i>		"	<i>0.500</i>		<i>100</i>	<i>70-130</i>			
<i>Surrogate: Bromofluorobenzene</i>	<i>0.505</i>		"	<i>0.500</i>		<i>101</i>	<i>70-130</i>			

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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1935039 - DRO Extraction EPA 3570

Blank (1935039-BLK1)

Prepared: 08/29/19 0 Analyzed: 08/30/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	51.4		"	50.0		103	50-200			

LCS (1935039-BS1)

Prepared: 08/29/19 0 Analyzed: 08/30/19 1

Diesel Range Organics (C10-C28)	493	25.0	mg/kg	500		98.7	38-132			
Surrogate: n-Nonane	52.9		"	50.0		106	50-200			

Matrix Spike (1935039-MS1)

Source: P908085-01

Prepared: 08/29/19 0 Analyzed: 08/30/19 1

Diesel Range Organics (C10-C28)	515	25.0	mg/kg	500	ND	103	38-132			
Surrogate: n-Nonane	53.7		"	50.0		107	50-200			

Matrix Spike Dup (1935039-MSD1)

Source: P908085-01

Prepared: 08/29/19 0 Analyzed: 08/30/19 1

Diesel Range Organics (C10-C28)	505	25.0	mg/kg	500	ND	101	38-132	1.93	20	
Surrogate: n-Nonane	52.2		"	50.0		104	50-200			

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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1935040 - Purge and Trap EPA 5030A

Blank (1935040-BLK1)

Prepared: 08/29/19 1 Analyzed: 08/30/19 1

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.521		"	0.500		104	70-130			
Surrogate: Toluene-d8	0.490		"	0.500		98.0	70-130			
Surrogate: Bromofluorobenzene	0.477		"	0.500		95.4	70-130			

LCS (1935040-BS2)

Prepared & Analyzed: 08/29/19 1

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics (C6-C10)	42.3	20.0	mg/kg	50.0		84.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		"	0.500		101	70-130			
Surrogate: Toluene-d8	0.492		"	0.500		98.4	70-130			
Surrogate: Bromofluorobenzene	0.484		"	0.500		96.7	70-130			

Matrix Spike (1935040-MS2)

Source: P908081-01

Prepared: 08/29/19 1 Analyzed: 08/30/19 1

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics (C6-C10)	43.8	20.0	mg/kg	50.0	ND	87.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		"	0.500		103	70-130			
Surrogate: Toluene-d8	0.498		"	0.500		99.5	70-130			
Surrogate: Bromofluorobenzene	0.500		"	0.500		100	70-130			

Matrix Spike Dup (1935040-MSD2)

Source: P908081-01

Prepared: 08/29/19 1 Analyzed: 08/30/19 1

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics (C6-C10)	46.8	20.0	mg/kg	50.0	ND	93.6	70-130	6.65	20	
Surrogate: 1,2-Dichloroethane-d4	0.497		"	0.500		99.4	70-130			
Surrogate: Toluene-d8	0.502		"	0.500		100	70-130			
Surrogate: Bromofluorobenzene	0.494		"	0.500		98.7	70-130			

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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	Reported: 08/30/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Eddie Gayton	

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1935036 - Anion Extraction EPA 300.0/9056A

Blank (1935036-BLK1)

Prepared & Analyzed: 08/28/19 1

Chloride	ND	20.0	mg/kg							
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LCS (1935036-BS1)

Prepared & Analyzed: 08/28/19 1

Chloride	257	20.0	mg/kg	250		103	90-110			
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Matrix Spike (1935036-MS1)

Source: P908085-01

Prepared: 08/28/19 1 Analyzed: 08/28/19 2

Chloride	636	20.0	mg/kg	250	371	106	80-120			
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Matrix Spike Dup (1935036-MSD1)

Source: P908085-01

Prepared: 08/28/19 1 Analyzed: 08/28/19 2

Chloride	635	20.0	mg/kg	250	371	106	80-120	0.118	20	
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QC Summary Report

Comment:

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

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Hungry Horse	Project Name:	J & I Productions FBC Fed #1	
PO box 1058	Project Number:	19054-0002	Reported:
Hobbs NM, 88240	Project Manager:	Eddie Gayton	08/30/19 14:56

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Client: <u>Hungry Horse</u> Project: <u>J&F Productions FBC Fev #1</u> Project Manager: <u>Fabie Gayton</u> Address: <u>P.O. Box 1058</u> City, State, Zip: <u>Hobbs, New Mexico, 88240</u> Phone: <u>575-390-6397</u> Email: <u>n@gladjen@Hungry-Horse.com</u>		Report Attention Report due by: _____ Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____		Lab Use Only Lab WO# <u>P908085</u> Job Number <u>19054-0002</u> TAT: 1D <input checked="" type="checkbox"/> 3D <input type="checkbox"/>			EPA Program RCRA <input type="checkbox"/> CWA <input type="checkbox"/> SDWA <input type="checkbox"/>							
Analysis and Method					State									
					DRO/ORO by 8015 <input type="checkbox"/>	GRO/DRO by 8015 <input type="checkbox"/>	BTEX by 8021 <input type="checkbox"/>	VOC by 8260 <input type="checkbox"/>	Metals 6010 <input type="checkbox"/>	Chloride 300.0 <input type="checkbox"/>	NM <input checked="" type="checkbox"/>	CO <input type="checkbox"/>	UT <input type="checkbox"/>	AZ <input type="checkbox"/>
					TX <input type="checkbox"/>	OK <input type="checkbox"/>								
					Remarks									

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				
9:00 AM	8-27	Soil		Composite #1 Sample Point #1	1						X				
9:00	8-27	Soil		Composite #1 Sample Point #2	2										
9:00	8-27	Soil		Composite #1 Sample Point #3	3										
9:00	8-27	Soil		Composite #1 Sample Point #4	4										
9:00	8-27	Soil		Composite #1 Sample Point #5	5										
10:00	8-28	Soil		Composite #1 Sidewall #1	6										
10:00	8-28	Soil		Composite #1 Sidewall #2	7										
10:00	8-28	Soil		Composite #1 Sidewall #3	8										
10:00	8-28	Soil		Composite #1 Sidewall #4	9										
		Soil													

Additional Instructions: _____

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Guillermo N. Garcia 8-28-19

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>[Signature]</u>	8-28-19	1:52	<u>Rainald Lopez</u>	8/28/19	1:52	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

Received by OCD: 6/11/2020 3:41:22 PM

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Received by OCD: 6/11/2020 3:41:22 PM

Client: <u>Hungry Horse</u> Project: _____ Project Manager: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____	Report Attention Report due by: _____ Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____	Lab Use Only Lab WO# <u>P908085</u> Job Number <u>19054-0002</u>	TAT 1D <input checked="" type="checkbox"/> 3D <input type="checkbox"/>	EPA Program RCRA <input type="checkbox"/> CWA <input type="checkbox"/> SDWA <input type="checkbox"/>
Analysis and Method				

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	State				Remarks	
												NM	CO	UT	AZ		
10:00	8-28	S		Composite #3 Sample Point #1	10						X						
10:00	8-28	S		Composite #3 Sample Point #2	11												
10:00	8-28	S		Composite #3 Sample Point #3	12												
10:00	8-28	S		Composite #3 Sample Point #4	13												
10:00	8-28	S		Composite #3 Sample Point #1,2,3,4	14												
10:00	8-28	S		Composite #3 Sidewall #1	15												
10:30	8-28	S		Composite #3 Sidewall #2	16												
10:30	8-28	S		Composite #3 Sidewall #3	17												
10:30	8-28	S		Composite # Sidewall #4	18												
10:30	8-28	S		Back Ground	19												

Additional Instructions: Guillermo N. Garcia

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: [Signature] 8-28-19

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

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Received by OCD: 6/11/2020 3:41:22 PM

Client: <u>Hungry Horse</u> Project: <u>J&F Productions FBC Fed #1</u> Project Manager: <u>Felipe Gaytan</u> Address: <u>P.O. Box 1058</u> City, State, Zip: <u>Hobbs, New Mexico, 88240</u> Phone: <u>575-390-6397</u> Email: <u>n.gladwin@Hungry-Horse.com</u>	Report Attention Report due by: _____ Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____	Lab Use Only Lab WO# <u>P908085</u> Job Number <u>19054-0002</u>	TAT 1D <input checked="" type="checkbox"/> 3D <input type="checkbox"/>	EPA Program RCRA <input type="checkbox"/> CWA <input type="checkbox"/> SDWA <input type="checkbox"/>
		Analysis and Method		
		DRO/DRO by 8015 <input checked="" type="checkbox"/> GRO/DRO by 8015 <input checked="" type="checkbox"/> BTEX by 8021 <input checked="" type="checkbox"/> VOC by 8260 <input type="checkbox"/> Metals 6010 <input type="checkbox"/> Chloride 300.0 <input type="checkbox"/>	State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/> OK <input type="checkbox"/>	

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
9:00am	8-27	Soil		Composite #1 Sample Point #1	1	X	X	X			X	
9:00	8-27	Soil		Composite #1 Sample Point #2	2							
9:00	8-27	Soil		Composite #1 Sample Point #3	3							
9:00	8-27	Soil		Composite #1 Sample Point #4	4							
9:00	8-27	Soil		Composite #1 Sample Point #5	5							
10:00	8-28	Soil		Composite #1 Sidewall #1	6							
10:00	8-28	Soil		Composite #1 Sidewall #2	7							
10:00	8-28	Soil		Composite #1 Sidewall #3	8							
10:00	8-28	Soil		Composite #1 Sidewall #4	9							
		Soil										per client

Additional Instructions: Guillermo J. Garcia 8/28-19 829119 BTEX, GRO, DRO, ORO ASAP

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: [Signature] 8-28-19

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<u>[Signature]</u>	8-28-19	1:52	<u>Rain Lopez</u>	8/28/19	1:52	Received on ice: <input checked="" type="checkbox"/> / N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C <u>4</u>

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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



5796 US Highway 64, Farmington, NM 87401
24 Hour Emergency Response Phone (800) 362-1879

Ph (505) 632-1881 Fx (505) 632-1865

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labadmin@envirotech-inc.com

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Client: <u>Hungry Horse</u>		Report Attention		Lab Use Only		TAT		EPA Program					
Project:		Report due by:		Lab WO# <u>P908085</u>		Job Number <u>19054-0002</u>		1D	3D	RCRA	CWA	SDWA	
Project Manager:		Attention:						<input checked="" type="checkbox"/>					
Address:		Address:								State			
City, State, Zip		City, State, Zip								NM	CO	UT	AZ
Phone:		Phone:								TX	OK		
Email:		Email:								Remarks			

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0								
10:00	8-28	S		Composite #3 Sample Point #1	10	X	X	X			X								
10:00	8-28	S		Composite #3 Sample Point #2	11														
10:00	8-28	S		Composite #3 Sample Point #3	12														
10:00	8-28	S		Composite #3 Sample Point #4	13														
10:00	8-28	S		Composite #3 Sample Point #1,2,3,4	14														
10:00	8-28	S		Composite #3 Sidewall #1	15														
10:30	8-28	S		Composite #3 Sidewall #2	16														
10:30	8-28	S		Composite #3 Sidewall #3	17														
10:30	8-28	S		Composite # Sidewall #4	18														
10:30	8-28	S		Back Ground	19														

Additional Instructions: Guillermo N. Garcia

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: [Signature] 8-28-19

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

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>8-28-19</u>	Time <u>1:52</u>	Received by: (Signature) <u>Rain Lopez</u>	Date <u>8/28/19</u>	Time <u>1:52</u>	Lab Use Only
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <u>Y/N</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
						AVG Temp °C <u>4</u>

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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



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Received by: OCD: 6/11/2020 3:41:22 PM

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Analytical Report

Report Summary

Client: Hungry Horse

Samples Received: 11/7/2019

Job Number: 19054-0002

Work Order: P911024

Project Name/Location: J & F Productions FBC
Fed #1

Report Reviewed By:

A handwritten signature in black ink that reads 'Walter Hinchman'.

Date: 11/11/19

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNi unless footnoted otherwise.
 Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
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 Envirotech, Inc, holds the Utah TNi certification NM009792018-1 for the data reported.
 Envirotech, Inc, holds the Texas TNi certification T104704557-19-2 for the data reported.



Hungry Horse
PO box 1058
Hobbs NM, 88240

Project Name: J & F Productions FBC Fed #1
Project Number: 19054-0002
Project Manager: Natalie Gladden

Reported:
11/11/19 14:56

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Battery Composite #1	P911024-01A	Soil	11/07/19	11/07/19	Plastic Baggie
Composite #1	P911024-02A	Soil	11/07/19	11/07/19	Plastic Baggie
Composite #3	P911024-03A	Soil	11/07/19	11/07/19	Plastic Baggie
Composite #4	P911024-04A	Soil	11/07/19	11/07/19	Plastic Baggie
Composite #2	P911024-05A	Soil	11/07/19	11/07/19	Plastic Baggie
Composite #5	P911024-06A	Soil	11/07/19	11/07/19	Plastic Baggie

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Hungry Horse	Project Name:	J & F Productions FBC Fed #1	Reported: 11/11/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

**Battery Composite #1
P911024-01 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %		50-150	1945032	11/07/19	11/08/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		110 %		50-200	1945033	11/07/19	11/07/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.4 %		50-150	1945032	11/07/19	11/08/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	52.7	20.0	mg/kg	1	1945036	11/07/19	11/07/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	J & F Productions FBC Fed #1	Reported: 11/11/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Composite #1
P911024-02 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %		50-150	1945032	11/07/19	11/08/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	28.3	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		99.4 %		50-200	1945033	11/07/19	11/07/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.2 %		50-150	1945032	11/07/19	11/08/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	71.8	20.0	mg/kg	1	1945036	11/07/19	11/07/19	EPA 300.0/9056A	

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Hungry Horse	Project Name:	J & F Productions FBC Fed #1	
PO box 1058	Project Number:	19054-0002	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	11/11/19 14:56

**Composite #3
P911024-03 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %		50-150	1945032	11/07/19	11/08/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	30.1	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		99.5 %		50-200	1945033	11/07/19	11/07/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.5 %		50-150	1945032	11/07/19	11/08/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	149	20.0	mg/kg	1	1945036	11/07/19	11/07/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	J & F Productions FBC Fed #1	Reported: 11/11/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Composite #4
P911024-04 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %		50-150	1945032	11/07/19	11/08/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		102 %		50-200	1945033	11/07/19	11/07/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.5 %		50-150	1945032	11/07/19	11/08/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	41.3	20.0	mg/kg	1	1945036	11/07/19	11/07/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	J & F Productions FBC Fed #1	Reported: 11/11/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Composite #2
P911024-05 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %		50-150	1945032	11/07/19	11/08/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		102 %		50-200	1945033	11/07/19	11/07/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.7 %		50-150	1945032	11/07/19	11/08/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	280	20.0	mg/kg	1	1945036	11/07/19	11/08/19	EPA 300.0/9056A	

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Hungry Horse	Project Name:	J & F Productions FBC Fed #1	Reported: 11/11/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Composite #5
P911024-06 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Ethylbenzene	0.0407	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
p,m-Xylene	0.182	0.0500	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
o-Xylene	0.0547	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Total Xylenes	0.237	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>104 %</i>		<i>50-150</i>	<i>1945032</i>	<i>11/07/19</i>	<i>11/08/19</i>	<i>EPA 8021B</i>	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	198	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>92.1 %</i>		<i>50-200</i>	<i>1945033</i>	<i>11/07/19</i>	<i>11/07/19</i>	<i>EPA 8015D</i>	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>84.1 %</i>		<i>50-150</i>	<i>1945032</i>	<i>11/07/19</i>	<i>11/08/19</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	143	20.0	mg/kg	1	1945036	11/07/19	11/08/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	J & F Productions FBC Fed #1	Reported: 11/11/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1945032 - Purge and Trap EPA 5030A

Blank (1945032-BLK1)

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.48		"	8.00		106	50-150			

LCS (1945032-BS1)

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Benzene	4.62	0.0250	mg/kg	5.00		92.3	70-130			
Toluene	4.58	0.0250	"	5.00		91.6	70-130			
Ethylbenzene	4.56	0.0250	"	5.00		91.1	70-130			
p,m-Xylene	9.11	0.0500	"	10.0		91.1	70-130			
o-Xylene	4.55	0.0250	"	5.00		91.0	70-130			
Total Xylenes	13.7	0.0250	"	15.0		91.0	70-130			
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.54		"	8.00		107	50-150			

Matrix Spike (1945032-MS1)

Source: P911021-01

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Benzene	4.61	0.0250	mg/kg	5.00	ND	92.1	54.3-133			
Toluene	4.57	0.0250	"	5.00	ND	91.3	61.4-130			
Ethylbenzene	4.55	0.0250	"	5.00	ND	91.0	61.4-133			
p,m-Xylene	9.09	0.0500	"	10.0	ND	90.9	63.3-131			
o-Xylene	4.54	0.0250	"	5.00	ND	90.8	63.3-131			
Total Xylenes	13.6	0.0250	"	15.0	ND	90.8	63.3-131			
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.42		"	8.00		105	50-150			

Matrix Spike Dup (1945032-MSD1)

Source: P911021-01

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Benzene	4.51	0.0250	mg/kg	5.00	ND	90.2	54.3-133	2.15	20	
Toluene	4.46	0.0250	"	5.00	ND	89.3	61.4-130	2.28	20	
Ethylbenzene	4.44	0.0250	"	5.00	ND	88.8	61.4-133	2.36	20	
p,m-Xylene	8.88	0.0500	"	10.0	ND	88.8	63.3-131	2.33	20	
o-Xylene	4.44	0.0250	"	5.00	ND	88.8	63.3-131	2.19	20	
Total Xylenes	13.3	0.0250	"	15.0	ND	88.8	63.3-131	2.28	20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.51		"	8.00		106	50-150			

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Hungry Horse	Project Name:	J & F Productions FBC Fed #1	Reported: 11/11/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1945033 - DRO Extraction EPA 3570

Blank (1945033-BLK1)

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	54.0		"	50.0		108	50-200			

LCS (1945033-BS1)

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Diesel Range Organics (C10-C28)	484	25.0	mg/kg	500		96.7	38-132			
Surrogate: n-Nonane	51.6		"	50.0		103	50-200			

Matrix Spike (1945033-MS1)

Source: P911021-01

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Diesel Range Organics (C10-C28)	507	25.0	mg/kg	500	ND	101	38-132			
Surrogate: n-Nonane	51.5		"	50.0		103	50-200			

Matrix Spike Dup (1945033-MSD1)

Source: P911021-01

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Diesel Range Organics (C10-C28)	524	25.0	mg/kg	500	ND	105	38-132	3.28	20	
Surrogate: n-Nonane	53.1		"	50.0		106	50-200			

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Hungry Horse	Project Name:	J & F Productions FBC Fed #1	Reported: 11/11/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1945032 - Purge and Trap EPA 5030A

Blank (1945032-BLK1)

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		"	8.00		95.8	50-150			

LCS (1945032-BS2)

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Gasoline Range Organics (C6-C10)	56.9	20.0	mg/kg	50.0		114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		"	8.00		96.4	50-150			

Matrix Spike (1945032-MS2)

Source: P911021-01

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Gasoline Range Organics (C6-C10)	57.6	20.0	mg/kg	50.0	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		"	8.00		96.8	50-150			

Matrix Spike Dup (1945032-MSD2)

Source: P911021-01

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Gasoline Range Organics (C6-C10)	56.6	20.0	mg/kg	50.0	ND	113	70-130	1.78	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		"	8.00		96.9	50-150			

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Hungry Horse	Project Name:	J & F Productions FBC Fed #1	Reported: 11/11/19 14:56
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1945036 - Anion Extraction EPA 300.0/9056A

Blank (1945036-BLK1)

Prepared & Analyzed: 11/07/19 1

Chloride	ND	20.0	mg/kg							
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LCS (1945036-BS1)

Prepared & Analyzed: 11/07/19 1

Chloride	253	20.0	mg/kg	250		101	90-110			
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Matrix Spike (1945036-MS1)

Source: P911023-01

Prepared & Analyzed: 11/07/19 1

Chloride	313	20.0	mg/kg	250	62.5	100	80-120			
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Matrix Spike Dup (1945036-MSD1)

Source: P911023-01

Prepared & Analyzed: 11/07/19 1

Chloride	310	20.0	mg/kg	250	62.5	99.2	80-120	0.949	20	
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QC Summary Report

Comment:

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

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Hungry Horse	Project Name:	J & F Productions FBC Fed #1	
PO box 1058	Project Number:	19054-0002	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	11/11/19 14:56

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Client: <u>Hungry Hoops</u> Project: <u>V + F P. ROAD FBCFED</u> Project Manager: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____	#	Report Attention		Lab Use Only				TAT		EPA Program			
		Report due by: _____		Lab WO# <u>P911024</u>		Job Number <u>190584-0002</u>		1D	3D	RCRA	CWA	SDWA	
		Attention: _____		Address: _____		Analysis and Method				State			
		Address: _____		City, State, Zip: _____									
City, State, Zip: _____		Phone: _____											
Phone: _____		Email: _____											
Email: _____													

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	6010 Total P	Remarks			
	11-7-19			Battery Composite #1	1	/	/	/			/					
	11-7-19			Composite #1	2	/	/	/			/					
	11-7-19			Composite #3	3	/	/	/			/					
	11-7-19			Composite #4	4	/	/	/			/					
	11-7-19			Composite #2	5	/	/	/			/					
	11-7-19			Composite #5	6	/	/	/			/					

Additional Instructions:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature)	11-7-19	3:15 PM	Raive Lopez	11/7/19	15:15	
Relinquished by: (Signature)						

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

Retrieved by: OCD - 6/11/2020 3:41:22 PM

Client: <u>Hungry Horses</u> Project: <u>T + F Road FBCEFD</u> Project Manager: <u>Natalie Gladden</u> Address: _____ City, State, Zip _____ Phone: <u>575-390-6397</u> Email: <u>ngladden@hungry-horse.com</u>	Report Attention Report due by: _____ Attention: _____ Address: _____ City, State, Zip _____ Phone: _____ Email: _____	Lab Use Only Lab WO# <u>P911024</u> Job Number <u>190584-0002</u> TAT: 1D <input checked="" type="checkbox"/> 3D <input type="checkbox"/>	EPA Program RCRA <input type="checkbox"/> CWA <input type="checkbox"/> SDWA <input type="checkbox"/>
		Analysis and Method	
		State	Remarks

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	6010 Total P	Remarks
	11-7-19			Battery Composite #1	1	/	/	/		/			
	11-7-19			Composite #1	2	/	/	/		/			
	11-7-19			Composite #3	3	/	/	/		/			
	11-7-19			Composite #4	4	/	/	/		/			
	11-7-19			Composite #2	5	/	/	/		/			
	11-7-19			Composite #5	6	/	/	/		/			

Additional Instructions:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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



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 labadmin@envirotech-inc.com

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Analytical Report

Report Summary

Client: Hungry Horse

Samples Received: 11/20/2019

Job Number: 19054-0002

Work Order: P911101

Project Name/Location: Providence FBC Federal
#1

Draft

Report Reviewed By:

Walter Hinchman, Laboratory Director

Date:

11/21/19



Envirotech Inc. certifies the test results meet all requirements of TNi unless footnoted otherwise.
 Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
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 Envirotech, Inc, holds the Utah TNi certification NM009792018-1 for the data reported.
 Envirotech, Inc, holds the Texas TNi certification T104704557-19-2 for the data reported.



Hungry Horse	Project Name:	Providence FBC Federal #1	
PO box 1058	Project Number:	19054-0002	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	11/21/19 10:32

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Providence FBC Federal #1	P911101-01A	Soil	11/20/19	11/20/19	Glass Jar, 4 oz.
Providence FBC Federal #5	P911101-02A	Soil	11/20/19	11/20/19	Glass Jar, 4 oz.
Providence FBC Federal #6	P911101-03A	Soil	11/20/19	11/20/19	Glass Jar, 4 oz.
Providence FBC Federal #7	P911101-04A	Soil	11/20/19	11/20/19	Glass Jar, 4 oz.

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Hungry Horse	Project Name:	Providence FBC Federal #1	Reported: 11/21/19 10:32
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

**Providence FBC Federal #1
P911101-01 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %		50-150	1947029	11/20/19	11/20/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	31.8	25.0	mg/kg	1	1947012	11/20/19	11/20/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1947012	11/20/19	11/20/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		111 %		50-200	1947012	11/20/19	11/20/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.8 %		50-150	1947029	11/20/19	11/20/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	365	20.0	mg/kg	1	1947031	11/20/19	11/20/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	Providence FBC Federal #1	Reported: 11/21/19 10:32
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

**Providence FBC Federal #5
P911101-02 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %		50-150	1947029	11/20/19	11/20/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	89.5	25.0	mg/kg	1	1947012	11/20/19	11/20/19	EPA 8015D	
Oil Range Organics (C28-C40)	123	50.0	mg/kg	1	1947012	11/20/19	11/20/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		119 %		50-200	1947012	11/20/19	11/20/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.4 %		50-150	1947029	11/20/19	11/20/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	60.8	20.0	mg/kg	1	1947031	11/20/19	11/20/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	Providence FBC Federal #1	Reported: 11/21/19 10:32
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

**Providence FBC Federal #6
P911101-03 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>104 %</i>		<i>50-150</i>	<i>1947029</i>	<i>11/20/19</i>	<i>11/20/19</i>	<i>EPA 8021B</i>	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	271	25.0	mg/kg	1	1947012	11/20/19	11/20/19	EPA 8015D	
Oil Range Organics (C28-C40)	151	50.0	mg/kg	1	1947012	11/20/19	11/20/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>129 %</i>		<i>50-200</i>	<i>1947012</i>	<i>11/20/19</i>	<i>11/20/19</i>	<i>EPA 8015D</i>	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947029	11/20/19	11/20/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>88.2 %</i>		<i>50-150</i>	<i>1947029</i>	<i>11/20/19</i>	<i>11/20/19</i>	<i>EPA 8015D</i>	

Anions by 300.0/9056A

Chloride	233	20.0	mg/kg	1	1947031	11/20/19	11/20/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	Providence FBC Federal #1	Reported: 11/21/19 10:32
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

**Providence FBC Federal #7
P911101-04 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/21/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/21/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/21/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947029	11/20/19	11/21/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947029	11/20/19	11/21/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947029	11/20/19	11/21/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %		50-150	1947029	11/20/19	11/21/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	75.9	25.0	mg/kg	1	1947012	11/20/19	11/20/19	EPA 8015D	
Oil Range Organics (C28-C40)	61.6	50.0	mg/kg	1	1947012	11/20/19	11/20/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		99.2 %		50-200	1947012	11/20/19	11/20/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947029	11/20/19	11/21/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.7 %		50-150	1947029	11/20/19	11/21/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	79.4	20.0	mg/kg	1	1947031	11/20/19	11/20/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	Providence FBC Federal #1	Reported: 11/21/19 10:32
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1947012 - DRO Extraction EPA 3570

Blank (1947012-BLK1)

Prepared: 11/19/19 1 Analyzed: 11/20/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	51.7		"	50.0		103	50-200			

LCS (1947012-BS1)

Prepared: 11/19/19 1 Analyzed: 11/20/19 0

Diesel Range Organics (C10-C28)	559	25.0	mg/kg	500		112	38-132			
Surrogate: n-Nonane	53.2		"	50.0		106	50-200			

Matrix Spike (1947012-MS1)

Source: P911059-01

Prepared: 11/19/19 1 Analyzed: 11/20/19 0

Diesel Range Organics (C10-C28)	510	25.0	mg/kg	500	ND	102	38-132			
Surrogate: n-Nonane	48.8		"	50.0		97.6	50-200			

Matrix Spike Dup (1947012-MSD1)

Source: P911059-01

Prepared: 11/19/19 1 Analyzed: 11/20/19 0

Diesel Range Organics (C10-C28)	514	25.0	mg/kg	500	ND	103	38-132	0.702	20	
Surrogate: n-Nonane	47.4		"	50.0		94.8	50-200			

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Hungry Horse	Project Name:	Providence FBC Federal #1	Reported: 11/21/19 10:32
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1947031 - Anion Extraction EPA 300.0/9056A

Blank (1947031-BLK1)

Prepared & Analyzed: 11/20/19 1

Chloride	ND	20.0	mg/kg							
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LCS (1947031-BS1)

Prepared & Analyzed: 11/20/19 1

Chloride	252	20.0	mg/kg	250		101	90-110			
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Matrix Spike (1947031-MS1)

Source: P911101-01

Prepared & Analyzed: 11/20/19 1

Chloride	647	20.0	mg/kg	250	365	113	80-120			
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Matrix Spike Dup (1947031-MSD1)

Source: P911101-01

Prepared & Analyzed: 11/20/19 1

Chloride	519	20.0	mg/kg	250	365	61.4	80-120	21.9	20	M2, R3
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QC Summary Report

Comment:

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

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Hungry Horse	Project Name:	Providence FBC Federal #1	
PO box 1058	Project Number:	19054-0002	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	11/21/19 10:32

Notes and Definitions

- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
 - M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
 - ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - ** Methods marked with ** are non-accredited methods.
- Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Received by: QCD-6/11/2020 3:41:22 PM
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Client: <u>Hungry Horse</u> Project: <u>Providence FBC Federal #1</u> Project Manager: <u>Natalie Gladden</u> Address: _____ City, State, Zip _____ Phone: _____ Email: _____	Report Attention Report due by: _____ Attention: _____ Address: _____ City, State, Zip _____ Phone: _____ Email: _____	Lab Use Only Lab WO# <u>P911101</u> Job Number <u>19054-0002</u>	TAT 1D <input checked="" type="checkbox"/> 3D <input type="checkbox"/>	EPA Program RCRA <input type="checkbox"/> CWA <input type="checkbox"/> SDWA <input type="checkbox"/>					
			Analysis and Method		State NM CO UT AZ TX OK				
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	6010 Total P			

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	6010 Total P	Remarks		
9:30	11/20/19	Soil	1	Providence FBC Federal #1	1	✓	✓	✓		✓					
9:38	11/20/19	Soil	1	Providence FBC Federal #5	2	✓	✓	✓		✓					
9:20	11/20/19	Soil	1	Providence FBC Federal #6	3	✓	✓	✓		✓					
7:45	11/20/19	Soil	1	Providence FBC Federal #7	4	✓	✓	✓		✓					

Additional Instructions: Vis Ice in Cooler

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Guillermo V. Good</u>						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>		
<u>[Signature]</u>	11/20/19	12:45	<u>[Signature]</u>	11/20/19	12:45			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time			

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

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Analytical Report

Report Summary

Client: Hungry Horse

Samples Received: 11/22/2019

Job Number: 19054-0002

Work Order: P911113

Project Name/Location: Providence FBC Federal
#1

Report Reviewed By:

Date: 11/25/19

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
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Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.



Hungry Horse	Project Name:	Providence FBC Federal #1	
PO box 1058	Project Number:	19054-0002	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	11/25/19 14:34

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Composite #5	P911113-01A	Soil	11/22/19	11/22/19	Glass Jar, 4 oz.
Composite #6	P911113-02A	Soil	11/22/19	11/22/19	Glass Jar, 4 oz.
Composite #7	P911113-03A	Soil	11/22/19	11/22/19	Glass Jar, 4 oz.

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Hungry Horse	Project Name:	Providence FBC Federal #1	Reported: 11/25/19 14:34
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Composite #5
P911113-01 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %		50-150	1947051	11/22/19	11/22/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	231	25.0	mg/kg	1	1947039	11/22/19	11/22/19	EPA 8015D	
Oil Range Organics (C28-C40)	118	50.0	mg/kg	1	1947039	11/22/19	11/22/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		124 %		50-200	1947039	11/22/19	11/22/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.0 %		50-150	1947051	11/22/19	11/22/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	94.8	20.0	mg/kg	1	1947046	11/22/19	11/22/19	EPA 300.0/9056A	

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Hungry Horse PO box 1058 Hobbs NM, 88240	Project Name: Providence FBC Federal #1 Project Number: 19054-0002 Project Manager: Natalie Gladden	Reported: 11/25/19 14:34
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**Composite #6
P911113-02 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %		50-150	1947051	11/22/19	11/22/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	293	25.0	mg/kg	1	1947039	11/22/19	11/22/19	EPA 8015D	
Oil Range Organics (C28-C40)	156	50.0	mg/kg	1	1947039	11/22/19	11/22/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		129 %		50-200	1947039	11/22/19	11/22/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.1 %		50-150	1947051	11/22/19	11/22/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	72.2	20.0	mg/kg	1	1947046	11/22/19	11/22/19	EPA 300.0/9056A	
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Hungry Horse PO box 1058 Hobbs NM, 88240	Project Name: Providence FBC Federal #1 Project Number: 19054-0002 Project Manager: Natalie Gladden	Reported: 11/25/19 14:34
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**Composite #7
P911113-03 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %		50-150	1947051	11/22/19	11/22/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	242	25.0	mg/kg	1	1947039	11/22/19	11/22/19	EPA 8015D	
Oil Range Organics (C28-C40)	139	50.0	mg/kg	1	1947039	11/22/19	11/22/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		125 %		50-200	1947039	11/22/19	11/22/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1947051	11/22/19	11/22/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.1 %		50-150	1947051	11/22/19	11/22/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	71.7	20.0	mg/kg	1	1947046	11/22/19	11/22/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	Providence FBC Federal #1	Reported: 11/25/19 14:34
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1947051 - Purge and Trap EPA 5030A

Blank (1947051-BLK1)

Prepared & Analyzed: 11/22/19 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.05		"	8.00		101	50-150			

LCS (1947051-BS1)

Prepared & Analyzed: 11/22/19 1

Benzene	4.39	0.0250	mg/kg	5.00		87.7	70-130			
Toluene	4.69	0.0250	"	5.00		93.8	70-130			
Ethylbenzene	4.74	0.0250	"	5.00		94.9	70-130			
p,m-Xylene	9.46	0.0500	"	10.0		94.6	70-130			
o-Xylene	4.76	0.0250	"	5.00		95.2	70-130			
Total Xylenes	14.2	0.0250	"	15.0		94.8	70-130			
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.15		"	8.00		102	50-150			

Matrix Spike (1947051-MS1)

Source: P911113-01

Prepared & Analyzed: 11/22/19 1

Benzene	4.46	0.0250	mg/kg	5.00	ND	89.2	54.3-133			
Toluene	4.83	0.0250	"	5.00	ND	96.5	61.4-130			
Ethylbenzene	4.87	0.0250	"	5.00	ND	97.5	61.4-133			
p,m-Xylene	9.70	0.0500	"	10.0	ND	97.0	63.3-131			
o-Xylene	4.83	0.0250	"	5.00	ND	96.6	63.3-131			
Total Xylenes	14.5	0.0250	"	15.0	ND	96.9	63.3-131			
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.27		"	8.00		103	50-150			

Matrix Spike Dup (1947051-MSD1)

Source: P911113-01

Prepared & Analyzed: 11/22/19 1

Benzene	4.43	0.0250	mg/kg	5.00	ND	88.5	54.3-133	0.688	20	
Toluene	4.80	0.0250	"	5.00	ND	96.0	61.4-130	0.572	20	
Ethylbenzene	4.83	0.0250	"	5.00	ND	96.6	61.4-133	0.969	20	
p,m-Xylene	9.62	0.0500	"	10.0	ND	96.2	63.3-131	0.824	20	
o-Xylene	4.78	0.0250	"	5.00	ND	95.6	63.3-131	1.03	20	
Total Xylenes	14.4	0.0250	"	15.0	ND	96.0	63.3-131	0.892	20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.16		"	8.00		102	50-150			

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Labadmin@envirotech-inc.com

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Hungry Horse	Project Name:	Providence FBC Federal #1	Reported: 11/25/19 14:34
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1947039 - DRO Extraction EPA 3570

Blank (1947039-BLK1)

Prepared: 11/21/19 0 Analyzed: 11/22/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
<i>Surrogate: n-Nonane</i>	<i>48.8</i>		<i>"</i>	<i>50.0</i>		<i>97.6</i>	<i>50-200</i>			

LCS (1947039-BS1)

Prepared: 11/21/19 0 Analyzed: 11/22/19 1

Diesel Range Organics (C10-C28)	491	25.0	mg/kg	500		98.2	38-132			
<i>Surrogate: n-Nonane</i>	<i>48.9</i>		<i>"</i>	<i>50.0</i>		<i>97.9</i>	<i>50-200</i>			

LCS Dup (1947039-BSD1)

Prepared: 11/21/19 0 Analyzed: 11/22/19 1

Diesel Range Organics (C10-C28)	513	25.0	mg/kg	500		103	38-132	4.31	20	
<i>Surrogate: n-Nonane</i>	<i>50.6</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>50-200</i>			

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Hungry Horse	Project Name:	Providence FBC Federal #1	Reported: 11/25/19 14:34
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1947051 - Purge and Trap EPA 5030A

Blank (1947051-BLK1)

Prepared & Analyzed: 11/22/19 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		"	8.00		87.2	50-150			

LCS (1947051-BS2)

Prepared & Analyzed: 11/22/19 1

Gasoline Range Organics (C6-C10)	50.4	20.0	mg/kg	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		"	8.00		88.4	50-150			

Matrix Spike (1947051-MS2)

Source: P911113-01

Prepared & Analyzed: 11/22/19 1

Gasoline Range Organics (C6-C10)	52.4	20.0	mg/kg	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		"	8.00		89.5	50-150			

Matrix Spike Dup (1947051-MSD2)

Source: P911113-01

Prepared: 11/22/19 1 Analyzed: 11/22/19 2

Gasoline Range Organics (C6-C10)	51.3	20.0	mg/kg	50.0	ND	103	70-130	2.20	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		"	8.00		88.5	50-150			

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Hungry Horse PO box 1058 Hobbs NM, 88240	Project Name: Providence FBC Federal #1 Project Number: 19054-0002 Project Manager: Natalie Gladden	Reported: 11/25/19 14:34
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Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1947046 - Anion Extraction EPA 300.0/9056A

Blank (1947046-BLK1)		Prepared & Analyzed: 11/22/19 0								
Chloride	ND	20.0	mg/kg							
LCS (1947046-BS1)		Prepared: 11/22/19 0 Analyzed: 11/22/19 1								
Chloride	236	20.0	mg/kg	250		94.4	90-110			
Matrix Spike (1947046-MS1)		Source: P911104-01		Prepared: 11/22/19 0 Analyzed: 11/22/19 1						
Chloride	511	20.0	mg/kg	250	257	101	80-120			
Matrix Spike Dup (1947046-MSD1)		Source: P911104-01		Prepared: 11/22/19 0 Analyzed: 11/22/19 1						
Chloride	531	20.0	mg/kg	250	257	110	80-120	3.88	20	

QC Summary Report

Comment:

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

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Hungry Horse	Project Name:	Providence FBC Federal #1	
PO box 1058	Project Number:	19054-0002	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	11/25/19 14:34

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Received by: OGD-6/11/2020 3:41:22 PM Page 11 of 12

Client: <u>HUNGRY HORSE</u> Project: <u>PROVIDENCE FDC Fed #1</u> Project Manager: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____	Report Attention Report due by: _____ Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____	Lab Use Only Lab WO# <u>P911113</u> Job Number <u>19054-0002</u>	TAT 1D <input checked="" type="checkbox"/> 3D <input type="checkbox"/>	EPA Program RCRA <input type="checkbox"/> CWA <input type="checkbox"/> SDWA <input type="checkbox"/>
Analysis and Method			State	
			NM CO UT AZ TX OK	

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	6010 Total P	Remarks				
	<u>11-22-19</u>			<u>Composite #5</u>	<u>1</u>	/	/	/			/						
	<u>11-22-19</u>			<u>Composite #6</u>	<u>2</u>	/	/	/									
	<u>11-22-19</u>			<u>Composite #7</u>	<u>3</u>	/	/	/			/						

Additional Instructions:

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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



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 24 Hour Emergency Response Phone (800) 362-1879

Ph (505) 632-1881 Fx (505) 632-1865

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 labadmin@envirotech-inc.com

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Client: <u>HUNGRY HORSE</u> Project: <u>PROVIDENCE FDC Fed #1</u> Project Manager: <u>Natalie Gladden</u> Address: _____ City, State, Zip: _____ Phone: <u>575-390-6397</u> Email: <u>ngladden@hungry-horse.com</u>	Report Attention Report due by: _____ Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____	Lab Use Only Lab WO# <u>P911113</u> Job Number <u>19054-0002</u>	TAT 1D <input checked="" type="checkbox"/> 3D <input type="checkbox"/>	EPA Program RCRA <input type="checkbox"/> CWA <input type="checkbox"/> SDWA <input type="checkbox"/> State: _____ NM <input type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/> OK <input type="checkbox"/>
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Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	6010 Total P	Remarks			
	<u>11-22-19</u>			<u>Composite #5</u>	<u>1</u>	/	/	/			/					
	<u>11-22-19</u>			<u>Composite #6</u>	<u>2</u>	/	/	/								
	<u>11-22-19</u>			<u>Composite #7</u>	<u>3</u>	/	/	/			/					

Additional Instructions:

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

Received by: OCD: 6/11/2020 3:41:22 PM

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Analytical Report

Report Summary

Client: Hungry Horse

Samples Received: 12/1/2019

Job Number: 19054-0002

Work Order: P911126

Project Name/Location: FBC FED #1

Report Reviewed By:

A handwritten signature in black ink that reads 'Walter Hinchman'.

Date: 12/3/19

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
 Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
 Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.
 Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.
 Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.



Hungry Horse	Project Name:	FBC FED #1	
PO box 1058	Project Number:	19054-0002	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	12/03/19 13:27

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Composite #5	P911126-01A	Soil	11/22/19	12/01/19	Glass Jar, 4 oz.
Composite #6	P911126-02A	Soil	11/22/19	12/01/19	Glass Jar, 4 oz.
Composite #7	P911126-03A	Soil	11/22/19	12/01/19	Glass Jar, 4 oz.

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Hungry Horse	Project Name:	FBC FED #1	Reported: 12/03/19 13:27
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Composite #5
P911126-01 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.6 %		50-150	1949005	12/01/19	12/02/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1948020	11/27/19	12/02/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1948020	11/27/19	12/02/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		87.0 %		50-200	1948020	11/27/19	12/02/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.3 %		50-150	1949005	12/01/19	12/02/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	365	20.0	mg/kg	1	1949002	12/01/19	12/02/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	FBC FED #1	Reported: 12/03/19 13:27
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Composite #6
P911126-02 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Volatil Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %		50-150	1949005	12/01/19	12/02/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1948020	11/27/19	12/02/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1948020	11/27/19	12/02/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		93.8 %		50-200	1948020	11/27/19	12/02/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.0 %		50-150	1949005	12/01/19	12/02/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	299	20.0	mg/kg	1	1949002	12/01/19	12/02/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	FBC FED #1	Reported: 12/03/19 13:27
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Composite #7
P911126-03 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.2 %		50-150	1949005	12/01/19	12/02/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1948020	11/27/19	12/02/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1948020	11/27/19	12/02/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		97.8 %		50-200	1948020	11/27/19	12/02/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1949005	12/01/19	12/02/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.9 %		50-150	1949005	12/01/19	12/02/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	415	20.0	mg/kg	1	1949002	12/01/19	12/02/19	EPA 300.0/9056A	
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Hungry Horse	Project Name:	FBC FED #1	Reported: 12/03/19 13:27
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1949005 - Purge and Trap EPA 5030A

Blank (1949005-BLK1)

Prepared: 12/02/19 0 Analyzed: 12/02/19 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.06		"	8.00		101	50-150			

LCS (1949005-BS1)

Prepared: 12/02/19 0 Analyzed: 12/02/19 2

Benzene	5.17	0.0250	mg/kg	5.00		103	70-130			
Toluene	5.29	0.0250	"	5.00		106	70-130			
Ethylbenzene	5.22	0.0250	"	5.00		104	70-130			
p,m-Xylene	10.4	0.0500	"	10.0		104	70-130			
o-Xylene	5.20	0.0250	"	5.00		104	70-130			
Total Xylenes	15.6	0.0250	"	15.0		104	70-130			
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.24		"	8.00		103	50-150			

Matrix Spike (1949005-MS1)

Source: P911126-01

Prepared: 12/02/19 0 Analyzed: 12/03/19 0

Benzene	5.22	0.0250	mg/kg	5.00	ND	104	54.3-133			
Toluene	5.34	0.0250	"	5.00	ND	107	61.4-130			
Ethylbenzene	5.28	0.0250	"	5.00	ND	106	61.4-133			
p,m-Xylene	10.5	0.0500	"	10.0	ND	105	63.3-131			
o-Xylene	5.23	0.0250	"	5.00	ND	105	63.3-131			
Total Xylenes	15.7	0.0250	"	15.0	ND	105	63.3-131			
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.23		"	8.00		103	50-150			

Matrix Spike Dup (1949005-MSD1)

Source: P911126-01

Prepared: 12/02/19 0 Analyzed: 12/03/19 0

Benzene	5.13	0.0250	mg/kg	5.00	ND	103	54.3-133	1.70	20	
Toluene	5.26	0.0250	"	5.00	ND	105	61.4-130	1.48	20	
Ethylbenzene	5.18	0.0250	"	5.00	ND	104	61.4-133	1.74	20	
p,m-Xylene	10.3	0.0500	"	10.0	ND	103	63.3-131	1.74	20	
o-Xylene	5.16	0.0250	"	5.00	ND	103	63.3-131	1.38	20	
Total Xylenes	15.5	0.0250	"	15.0	ND	103	63.3-131	1.62	20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	8.27		"	8.00		103	50-150			

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Hungry Horse	Project Name:	FBC FED #1	Reported: 12/03/19 13:27
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1948020 - DRO Extraction EPA 3570

Blank (1948020-BLK1)

Prepared: 11/27/19 1 Analyzed: 12/02/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	47.1		"	50.0		94.2	50-200			

LCS (1948020-BS1)

Prepared: 11/27/19 1 Analyzed: 12/02/19 1

Diesel Range Organics (C10-C28)	460	25.0	mg/kg	500		92.0	38-132			
Surrogate: n-Nonane	47.8		"	50.0		95.6	50-200			

Matrix Spike (1948020-MS1)

Source: P911123-01

Prepared: 11/27/19 1 Analyzed: 12/02/19 1

Diesel Range Organics (C10-C28)	525	25.0	mg/kg	500	ND	105	38-132			
Surrogate: n-Nonane	52.0		"	50.0		104	50-200			

Matrix Spike Dup (1948020-MSD1)

Source: P911123-01

Prepared: 11/27/19 1 Analyzed: 12/02/19 1

Diesel Range Organics (C10-C28)	596	25.0	mg/kg	500	ND	119	38-132	12.7	20	
Surrogate: n-Nonane	56.7		"	50.0		113	50-200			

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Hungry Horse	Project Name:	FBC FED #1	Reported: 12/03/19 13:27
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1949005 - Purge and Trap EPA 5030A

Blank (1949005-BLK1)

Prepared: 12/02/19 0 Analyzed: 12/02/19 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		"	8.00		88.2	50-150			

LCS (1949005-BS2)

Prepared: 12/02/19 0 Analyzed: 12/03/19 0

Gasoline Range Organics (C6-C10)	48.8	20.0	mg/kg	50.0		97.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		"	8.00		87.7	50-150			

Matrix Spike (1949005-MS2)

Source: P911126-01

Prepared: 12/02/19 0 Analyzed: 12/03/19 0

Gasoline Range Organics (C6-C10)	50.2	20.0	mg/kg	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		"	8.00		88.4	50-150			

Matrix Spike Dup (1949005-MSD2)

Source: P911126-01

Prepared: 12/02/19 0 Analyzed: 12/03/19 0

Gasoline Range Organics (C6-C10)	49.5	20.0	mg/kg	50.0	ND	98.9	70-130	1.50	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		"	8.00		87.8	50-150			

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Hungry Horse	Project Name:	FBC FED #1	Reported: 12/03/19 13:27
PO box 1058	Project Number:	19054-0002	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1949002 - Anion Extraction EPA 300.0/9056A

Blank (1949002-BLK1)

Prepared: 12/01/19 0 Analyzed: 12/02/19 0

Chloride	ND	20.0	mg/kg							
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LCS (1949002-BS1)

Prepared: 12/01/19 0 Analyzed: 12/02/19 1

Chloride	247	20.0	mg/kg	250		98.8	90-110			
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Matrix Spike (1949002-MS1)

Source: P911124-01

Prepared: 12/01/19 0 Analyzed: 12/02/19 1

Chloride	2590	20.0	mg/kg	250	2070	208	80-120			M2
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Matrix Spike Dup (1949002-MSD1)

Source: P911124-01

Prepared: 12/01/19 0 Analyzed: 12/02/19 1

Chloride	2310	20.0	mg/kg	250	2070	92.7	80-120	11.8	20	
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QC Summary Report

Comment:

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

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Hungry Horse	Project Name:	FBC FED #1	
PO box 1058	Project Number:	19054-0002	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	12/03/19 13:27

Notes and Definitions

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Received by: QCD-6411/2020 3:41:22 PM
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Client: <u>Hungry - Horse</u> Project: <u>FBC Feed #1</u> Project Manager: <u>G. Garcia</u> Address: _____ City, State, Zip _____ Phone: _____ Email: <u>ngladden@hungry-horse.com</u>		Report Attention Report due by: <u>ASAP</u> Attention: <u>Natalie Gladden</u> Address: _____ City, State, Zip _____ Phone: <u>horse.com</u> Email: <u>ngladden@hungry-</u>		Lab Use Only		TAT		EPA Program			
				Lab:WO# <u>P911126</u>	Job Number <u>19054-0002</u>	1D	3D	RCRA	CWA	SDWA	
Analysis and Method								State			
								NM	CO	UT	AZ
								Remarks			

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks				
	11/22/19	S	1	Composite #5	1	X	X	X			X					
	11/22/19		1	Composite #6	2	X	X	X			X					
	11/22/19	↓	↓	Composite #7	3	X	X	X			X					

Additional Instructions:

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

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

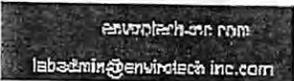
Relinquished by: (Signature) <u>Natalie Gladden</u>	Date <u>11/27</u>	Time <u>7:45</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>11/27/19</u>	Time <u>0745</u>	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4.0</u> <u>visible ice</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>11-29-19</u>	Time <u>1115</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>12-01-19</u>	Time <u>8:00</u>	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____
 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____
 Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



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