Remediation Summary and Site Closure Request

February 1, 2021

Lovington Crude Booster Station Release
NRM2009250299

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1.0 Introduction

TRC Environmental Corporation (TRC), on behalf of Holly Energy Partners – Operating, L.P. (HEP), has prepared this *Remediation Summary and Site Closure Request* for the crude oil release at the Lovington Crude Booster Station (Site). The legal description of the Site is Unit Letter "P", Section 36, Township 16 South, Range 36 East, Lea County, New Mexico. The global positioning system (GPS) coordinates for the Site are N32.87410145°, W103.30126395°. The property surface rights are owned by the State of New Mexico and administered by the City of Lovington. The location of the Site is depicted on Figure 1.

2.0 Background

On March 25, 2020, HEP discovered a crude oil release had occurred at the Site. The release was attributed to a failed bypass valve on the station piping. The Site is located outside but immediately adjacent to the HollyFrontier Lovington Refinery. The area surrounding the Site is used for pastureland, oil and gas exploration and production, and petroleum refining activities.

On the discovery date, verbal notification of the release was provided to the New Mexico Oil Conservation Division (NMOCD). The release was assigned a NMOCD reference number of NRM2009250299. During initial response activities, a vacuum truck was dispatched to recover all freestanding fluids.

From March 25 to March 30, 2020, HEP removed the upper 3 feet of affected soil in the eastern portion of the Release Site. Soil removed during this activity was placed in 2 roll-off boxes, with additional soil stockpiled on plastic sheeting pending further waste management activities.

On March 30, 2020, the initial Release Notification and Corrective Action Form (Form C-141) was submitted to the NMOCD. The Form C-141 indicated the volume of crude oil released was approximately 212 barrels (bbls). Approximately 130 bbls of crude oil was recovered by vacuum truck during initial response activities. The release affected an area measuring approximately 15,400 square feet. In addition to vacuum truck response activities, approximately 630 cubic yards (cy) of affected soil was excavated from the eastern part of the release area (see Figure 2) and stockpiled on plastic and approximately 30 cy of affected soil was placed in roll-off boxes pending waste characterization and disposal. A copy of the Form C-141 is included as Appendix A. Photographic documentation is provided in Appendix B.

On April 22, 2020, initial investigation activities were conducted to assess the extent of affected soil associated with the March 2020 crude oil release. Lateral delineation of affected soil was based on visual observation of the surface extent of the crude oil release. Four test trenches (TT-1 through TT-4) were advanced across the surface extent of the release area utilizing a backhoe to assess the vertical extent of the release. Table 1 provides a summary of analytical results from the test trench samples. Figure 2 provides a map of the test trench locations and sample results from April 22, 2020.

On June 25, 2020, a *Site Characterization Report and Remediation Workplan* was submitted to the NMOCD. The Report provided detailed information regarding completion of the test trenches, the results of the initial investigation, and determination of the NMOCD Closure Criteria applicable to the Site. The Remediation Workplan included a proposal that soil with total petroleum hydrocarbons (TPH) concentrations above the NMOCD Closure Criteria would be excavated and transported under manifest to a NMOCD-approved disposal facility. HEP further proposed that an attempt would be made to remove the affected soil from around the aboveground piping of the Booster Station by hand. If soil concentrations in the area below the pipelines were above the NMOCD Closure Criteria, then the affected area would be sprayed with Micro-Blaze® and remediation would be deferred until time of abandonment of the Facility. The Workplan further proposed that five-point confirmation soil samples would be collected from the excavation floor at a rate of one sample per 200 square feet, and from the sidewalls of the excavation at a rate of one soil sample per 100 linear feet of sidewall. Each sample would be analyzed for TPH by EPA SW-846 Method 8015M. Upon confirmation that TPH concentrations in all composite and

grab sample locations were below the Closure Criteria, the excavation would be backfilled to grade with non-impacted similar material. Surface grading would be performed to near original conditions and contoured to prevent erosion and ponding, promote stability, and preserve storm water flow patterns. On September 14, 2020, the NMOCD approved the *Site Characterization Report and Remediation Workplan* with the following conditions:

- *If Holly Energy Partners deems it necessary to request for deferral at this site, an additional deferral request will be made after the release has been fully delineated, both horizontally and vertically, and remediated to the fullest extent possible.*
- *If excavation depths reach or exceed 4 feet, sidewall samples from those parts of the excavation shall be taken every 50 linear feet.*

On September 29, 2020, Ms. Cristina Eads (NMOCD) verbally requested that confirmation samples additionally be analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX). Remediation activities were to be completed and a Closure Report submitted to the NMOCD by February 11, 2021.

This *Remediation Summary and Site Closure Request* presents information regarding the excavation, sample collection, soil disposal, and backfill activities conducted to achieve NMOCD closure of the Site.

3.0 NMOCD Closure Criteria

Cleanup standards for crude oil releases are provided in 19.15.29 NMAC. The cleanup standards (described in the rule as “Closure Criteria”) are based primarily on depth to groundwater but are also based on other criteria such as distance to the nearest wetland, karst potential, distance to nearest flood-plain, and whether the Site is located within incorporated municipal boundaries or within a defined fresh water field. The evaluation of the applicable NMOCD Closure Criteria was documented in the *Site Characterization Report and Remediation Workplan* dated June 25, 2020. A summary of this evaluation is provided below.

A review of the New Mexico Office of the State Engineer (NMOSE) records indicated three (3) Navajo (HollyFrontier) Lovington Refinery water wells (WW-NORTH, WW-SOUTH and WW-EAST) and thirty-four (34) HollyFrontier monitoring wells are located within a 0.5-mile radius of the Release Site as depicted on Figure 3. The NMOSE records also indicated one (1) active City-owned municipal water well (L-04058-POD2) is located within the Refinery; however, upon further review of the City of Lovington records and an interview with HollyFrontier Refinery personnel, it was determined that the listed municipal water well is actually one of the three HollyFrontier water wells.

A review of the United States Fish and Wildlife Service (USFWS) wetlands map indicated the Site is not located within 300 feet of a wetland. The New Mexico Bureau of Land Management (BLM) karst potential map indicates the Site is located within the “low karst potential” area. Finally, review of the Federal Emergency Management Act (FEMA) floodplain map indicates the Site is located outside of a 100-year floodplain. Figures 4 and 5 depict the wetlands and FEMA floodplain information, and the karst potential data, respectively.

As mentioned in the *Site Characterization Report and Remediation Workplan* and shown on the table below, the shallowest recorded depth to groundwater in a nearby monitoring well is approximately 102 feet below ground surface (bgs). No surface water was observed within one thousand (1,000) ft. of the Release.

Nearby Water Wells with Shallowest Depth to Water

Well ID	Location from Release Site	Owner	Use	Well Depth and Depth to Water (feet bgs)
MW-12R	0.15 miles east	Navajo Refining Company	Monitoring Well	106 feet/102 feet

TRC reviewed available information to determine the Closure Criteria for the Site. As the Release Site is within the City of Lovington Municipal Freshwater Well Field, the NMOCD Closure Criteria for the Lovington Booster Station Release Site are based on the most stringent regulatory guidelines. A summary of the Closure Criteria is provided in the table below.

NMOCD Closure Criteria

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

Notes: NA = not applicable
mg/kg = milligrams per kilogram
bgs = below ground surface
TPH = total petroleum hydrocarbons
GRO = gasoline range organics
DRO = diesel range organics
MRO = motor oil range organics
BTEX = benzene, toluene, ethylbenzene, and total xylenes
Green highlighted cells denote applicable Closure Criteria.

4.0 Summary of Soil Remediation Activities

4.1 Excavation and Sampling Activities – October 1 and 2, 2020

Following NMOCD approval of the *Site Characterization Report and Remediation Workplan* on September 14, 2020, remediation activities began on October 1, 2020. Utilizing a backhoe, excavation of affected soil began at the northern portion of the release area and continued toward the southern and eastern portions of the release area to total depths ranging from 1 to 3 feet bgs. Affected soil around the aboveground piping was removed by hand. Soil from the easternmost portion of the release area was excavated to a depth of 3 feet bgs by HEP personnel during initial response activities in March 2020; thus, additional excavation was not performed in this area.

On October 1 and 2, 2020, a total of 29 five-point composite floor samples (SS-1 through SS-29) were collected from the release area on a 200 square foot (sq. ft.) basis. Additionally, a total of 14 sidewall confirmation soil samples (SW-1 through SW-14) were collected from the release area per 100 linear feet of sidewall. The soil samples were placed in laboratory-prepared glass containers, immediately placed on ice, and delivered to Xenco Laboratories (Xenco) in Midland, Texas for analysis of TPH by EPA Method 8015 and BTEX by EPA Method 8260. A summary of the analytical results is provided in Table 2. Confirmation soil sample locations and results are depicted on Figure 6. Photographs are provided in Appendix B. Laboratory reports and chain-of-custody documentation are provided in Appendix C.

No samples exhibited BTEX concentrations above the Closure Criteria and benzene was not detected in any of the samples. Low level detections of ethylbenzene and/or xylenes were found in samples SW-2 @ 1.5', SW-11 @ 0.5', and SS-27 @ 1', while BTEX concentrations in all other samples were reported below the test method detection limits.

TPH concentrations exceeded the Closure Criteria in the following floor samples:

- SS-2 @ 3' (744 mg/kg),
- SS-3 @ 3' (529.6 mg/kg),
- SS-4 @ 3' (637.3 mg/kg),
- SS-5 @ 3' (1,061 mg/kg),
- SS-6 @ 3' (1,668 mg/kg),
- SS-8 @ 3' (353.7 mg/kg),
- SS-9 @ 3' (2,458 mg/kg),
- SS-10 @ 3' (4,415 mg/kg),
- SS-11 @ 1' (374.3 mg/kg),
- SS-16 @ 1' (195.6 mg/kg),
- SS-17 @ 1' (247.4 mg/kg),
- SS-18 @ 1' (869 mg/kg),
- SS-23 @ 1' (371.3 mg/kg),
- SS-25 @ 1' (443 mg/kg),
- SS-26 @ 1' (440.5 mg/kg),
- SS-27 @ 1' (1,780 mg/kg), and
- SS-28 @ 1' (177 mg/kg).

TPH concentrations exceeded the Closure Criteria in the following sidewall samples:

- SW-1 @ 1.5' (801 mg/kg),
- SW-7 @ 0.5' (300.8 mg/kg),
- SW-9 @ 0.5' (294.1 mg/kg),
- SW-10 @ 0.5' (5,084 mg/kg), and
- SW-11 @ 0.5' (3,968 mg/kg).

As a result of the TPH confirmation sample exceedances indicated above, additional excavation activities were performed on November 2, 2020, as described in Section 4.2 below.

4.2 Excavation and Sampling Activities – November 2, 2020

On November 2, 2020, excavation continued at the areas represented by the samples listed above in Section 4.1, where TPH concentrations exceeded the Closure Criteria. The excavation depth was extended another 0.5 to 3 feet (to a maximum depth of 4 feet), and sidewalls were excavated an additional 0.5 foot. At the completion of the additional excavation activities, confirmation samples were collected from each of the locations listed in Section 4.1 (15 five-point composite confirmation floor samples and five confirmation sidewall soil samples). The soil samples were delivered to Xenco for only

analysis of TPH by EPA Method 8015. Due to the non-detect or low concentrations of benzene and total BTEX below Closure Criteria in the initial confirmation samples, no further analysis for benzene and total BTEX was warranted. A summary of the analytical results is provided in Table 2. Confirmation soil sample locations and results are depicted on Figure 6. The laboratory report and chain-of-custody documentation is included in Appendix C.

The analytical results of the confirmation samples collected after the additional excavation activities indicated that TPH concentrations were below the Closure Criteria in all samples except for floor sample SS-18 @ 1.5' (578 mg/kg) and sidewall sample SW-7a @ 0.5' (746 mg/kg). As a result of these two remaining TPH exceedances at the extent of the excavation on November 2, 2020, additional excavation activities were performed on November 17, 2020, as described in Section 4.3 below.

4.3 Excavation and Sampling Activities – November 17, 2020

On November 17, 2020, excavation continued in the areas representative of samples SW-7a @ 0.5' and SS-18 @ 1.5'. The floor of the excavation was excavated another 0.5 foot in the area represented by sample SS-18 @ 1.5', and the sidewall at the area represented by sample SW-7a @ 0.5' was excavated an additional 0.5 foot. At the completion of additional excavation activities, confirmation samples were collected from these two locations (one five-point composite confirmation floor sample and one confirmation sidewall sample) and submitted to Xenco for analysis of TPH by EPA Method 8015. A summary of the analytical results is provided in Table 2. Confirmation soil sample locations and results are depicted on Figure 6. The laboratory report and chain-of-custody documentation is provided in Appendix C.

Analytical results of the two confirmation samples collected after the additional excavation activities showed that TPH concentrations were below the Closure Criteria in both samples. The results of these samples, along with the results of prior confirmation samples where TPH concentrations were below the Closure Criteria, demonstrate that the excavation activities successfully removed affected soils above the NMOCD Closure Criteria and no further remediation is warranted.

Approximately 310 cy of soil was excavated during additional remediation activities (from October 1 through November 17) and added to the stockpile pending disposal.

4.4 Disposal, Excavation and Backfill Activities

From November 30 to December 5, 2020, approximately 940 cubic yards of stockpiled soil was transported by end-dumps, under non-hazardous waste manifests, to R360 Halfway Disposal Facility (R360). Additionally, the two roll-off boxes containing excavated soil, as discussed in Section 2.0, were transported to R360 under non-hazardous waste manifest on December 16, 2020. The excavation was backfilled with similar non-impacted material. Clean backfill material was transported from a private caliche pit located near Hobbs, New Mexico at GPS coordinates: 32.77775N, -103.063917. A soil sample was collected from the pit on September 30, 2020 and delivered to Xenco for analysis of BTEX by EPA Method 8260C, TPH by EPA Method 8015M, and chlorides by EPA Method 300. The laboratory reported all analyte concentrations were below detection limits. The laboratory report and chain-of-custody documentation are provided in Appendix C. The waste manifests are provided in Appendix D.

4.5 Laboratory Analytical Data Quality Assurance/Quality Control Results

Data reported in work orders 674005, 674253, 676697 and 678245 generated by Xenco Laboratories in Midland, Texas, was reviewed to ensure that reported analytical results met data quality objectives. It was determined by the quality control data associated with analytical results that reported concentrations of target analytes were defensible and that measurement data reliability is within the expected limits of

sampling and analytical error. All analytical results are usable for characterization of contamination at the Site. The laboratory analytical reports are provided as Appendix C.

5.0 Site Closure Request

Remediation activities were conducted in accordance with NMCOD guidelines and in adherence with the NMOCD approved Remediation Workplan for this Site. Affected soil with TPH and BTEX concentrations greater than the NMOCD Closure Criteria were removed and transported to an appropriate disposal facility, and the excavation was backfilled with similar non-impacted material. Affected soil around the aboveground piping of the Booster Station was removed by hand. As TPH and BTEX concentrations in final confirmation samples were reported below the NMOCD Closure Criteria, the affected area was not sprayed with Micro-Blaze® and remediation will not be deferred until time of abandonment of the Facility. HEP respectfully requests that the NMOCD grant closure to the Lovington Crude Booster Station Release (NRM2009250299).

6.0 Distribution

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TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS FROM INITIAL INVESTIGATION
HOLLY ENERGY PARTNERS - OPERATING, L.P.
Lovington Crude Booster Station Release
NMOCD Tracking No.: NRM2009250299

Sample ID	Sample Date	Sample Depth (feet)	TPH (GRO)	TPH (DRO)	TPH (MRO)	Total TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Chloride
			milligrams per kilogram (mg/kg)									
NMOCD Closure Criteria			-	-	-	100	10	-	-	-	50	600
TT-1 @ 3'	4/22/2020	3'	<2.23	54.7	11.5	66.2	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<20.9
TT-1 @ 4'	4/22/2020	4'	<2.13	4.30	<3.12	4.30	<0.00113	<0.00113	<0.00113	<0.00113	<0.00113	<22.2
TT-1 @ 6-7'	4/22/2020	6-7'	<2.17	6.52	<3.07	6.52	<0.00109	<0.00109	<0.00109	<0.00109	<0.00109	<21.1
DUP-1	4/22/2020	--	<2.15	8.80	<3.09	8.80	<0.000985	<0.000985	<0.000985	<0.000985	<0.000985	<22.1
TT-2 @ 0-0.5'	4/22/2020	0-0.5'	230	5,260	346	**5,836**	<0.000982	0.0355	0.176	0.5050	0.7165	84.6
TT-2 @ 2'	4/22/2020	2'	<2.10	4.81	<3.40	4.81	<0.00112	<0.00112	<0.00112	<0.00112	<0.00112	29.7
TT-2 @ 4'	4/22/2020	4'	<2.55	6.00	<3.93	6.00	<0.00123	<0.00123	<0.00123	<0.00123	<0.00123	<26.4
TT-3 @ 0-0.5'	4/22/2020	0-0.5'	981	8,460	1,090	**10,531**	0.0194	1.73	9.11	20.6	31.46	300
TT-3 @ 3'	4/22/2020	3'	<1.94	55.0	10.8	65.8	<0.00104	<0.00104	0.00256	0.00589	0.00845	205
TT-3 @ 4'	4/22/2020	4'	<2.30	6.34	<3.56	6.34	<0.00120	<0.00120	<0.00120	0.00122	0.00122	123
TT-4 @ 0-0.5'	4/22/2020	0-0.5'	<2.07	226	72.1	**298.1**	<0.00104	<0.00104	<0.00104	<0.00104	<0.00104	<20.3
TT-4 @ 1'	4/22/2020	1'	<2.27	5.41	<3.80	5.41	<0.00128	<0.00128	<0.00128	<0.00128	<0.00128	94.4
TT-4 @ 4'	4/22/2020	4'	<2.25	5.05	<3.36	5.05	<0.00108	<0.00108	<0.00108	<0.00108	<0.00108	**895**

Notes:

1. GRO: Gasoline Range Organics
2. DRO: Diesel Range Organics
3. MRO: Motor Oil Range Organics
4. Bold indicates the parameter was detected above the NMOCD Closure Criteria.
5. Orange highlight indicates sampled location and interval was targeted for excavation during remedial activities.
6. < indicates the parameter was below the appropriate laboratory method/sample detection limit.
7. DUP-1 was collected from the same location as TT-1 @ 6-7'.

TABLE 2
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS FROM EXCAVATION
HOLLY ENERGY PARTNERS - OPERATING, L.P.
Lovington Crude Booster Station Release
NMOCD Tracking No.: NRM2009250299

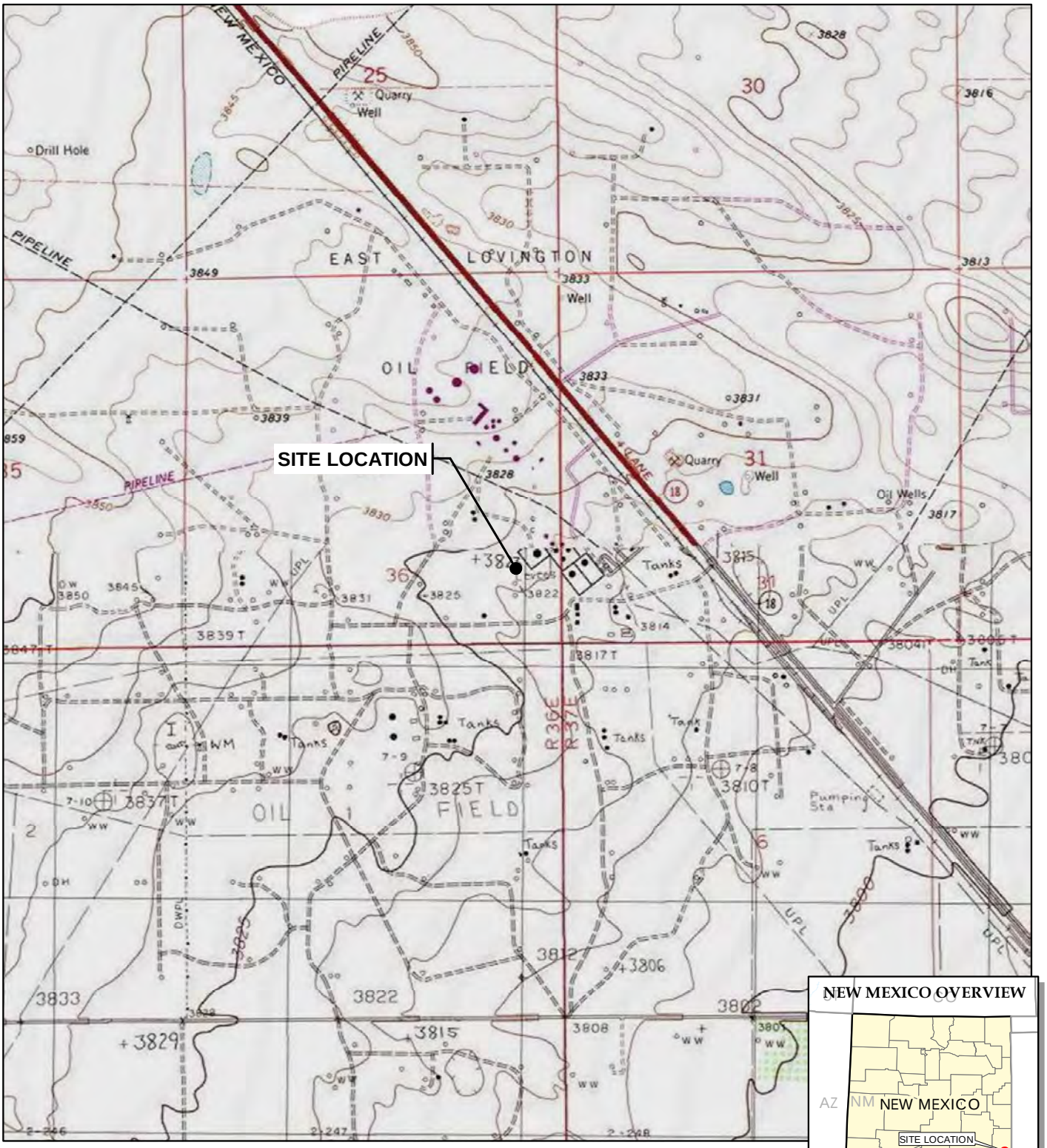
Sample ID	Sample Date	Sample Depth (feet)	Soil Status	TPH (GRO)	TPH (DRO)	TPH (MRO)	Total TPH	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
				milligrams per kilogram (mg/kg)								
NMOCD Closure Criteria				-	-	-	100	10	-	-	-	50
Confirmation Floor Samples												
SS-1 @ 3'	10/1/2020	3	In Situ	<49.9	**64.5**	<49.9	**64.5**	<0.00100	<0.00500	<0.00100	<0.001	<0.001
SS-2 @ 3'	10/1/2020	3	Excavated	<50.0	**634**	**110**	**744**	<0.000994	<0.00497	<0.000994	<0.000994	<0.000994
SS-2 @ 4'	11/2/2020	4	In Situ	<49.8	<49.8	<49.8	<49.8	--	--	--	--	--
SS-3 @ 3'	10/1/2020	3	Excavated	<50.0	**446**	**83.6**	**529.6**	<0.000998	<0.00499	<0.000998	<0.000998	<0.000998
SS-3 @ 4'	11/2/2020	4	In Situ	<50.0	<50.0	<50.0	<50	--	--	--	--	--
SS-4 @ 3'	10/1/2020	3	Excavated	<49.9	**551**	**86.3**	**637.3**	<0.000996	<0.00498	<0.000996	<0.000996	<0.000996
SS-4 @ 4'	11/2/2020	4	In Situ	<49.9	<49.9	<49.9	<49.9	--	--	--	--	--
SS-5 @ 3'	10/1/2020	3	Excavated	<49.8	**920**	**141**	**1,061**	<0.000992	<0.00496	<0.000992	<0.000992	<0.000992
SS-5 @ 4'	11/2/2020	4	In Situ	<49.9	<49.9	<49.9	<49.9	--	--	--	--	--
SS-6 @ 3'	10/1/2020	3	Excavated	<50.0	**1,440**	**228**	**1,668**	<0.000994	<0.00497	<0.000994	<0.000994	<0.000994
SS-6 @ 4'	11/2/2020	4	In Situ	<50.0	<50.0	<50.0	<50	--	--	--	--	--
SS-7 @ 3'	10/1/2020	3	In Situ	<50.0	**88.4**	<50.0	**88.4**	<0.000998	<0.00499	<0.000998	<0.000998	<0.000998
SS-8 @ 3'	10/1/2020	3	Excavated	<49.9	**298**	**55.7**	**353.7**	<0.00100	<0.00500	<0.00100	<0.001	<0.001
SS-8 @ 4'	11/2/2020	4	In Situ	<50.0	<50.0	<50.0	<50	--	--	--	--	--
SS-9 @ 3'	10/1/2020	3	Excavated	<49.8	**2,150**	**308**	**2,458**	<0.000994	<0.00497	<0.000994	<0.000994	<0.000994
SS-9 @ 4'	11/2/2020	4	In Situ	<49.9	<49.9	<49.9	<49.9	--	--	--	--	--
Duplicate-2 (SS-9 @ 4')	11/2/2020	4	In Situ	<49.9	<49.9	<49.9	<49.9	--	--	--	--	--
SS-10 @ 3'	10/1/2020	3	Excavated	<250	**3,770**	**645**	**4,415**	<0.000990	<0.00495	<0.000990	<0.00099	<0.00099
SS-10 @ 4'	11/2/2020	4	In Situ	<49.8	<49.8	<49.8	<49.8	--	--	--	--	--
SS-11 @ 1'	10/1/2020	1	Excavated	<50.0	**317**	**57.3**	**374.3**	<0.00100	<0.00501	<0.00100	<0.001	<0.001
SS-11 @ 4'	11/2/2020	4	In Situ	<49.9	<49.9	<49.9	<49.9	--	--	--	--	--
SS-12 @ 1'	10/1/2020	1	In Situ	<49.9	**64.0**	<49.9	**64**	<0.000994	<0.00497	<0.000994	<0.000994	<0.000994
Duplicate-1 (SS-12)	10/1/2020	-	In Situ	<50.0	<50.0	<50.0	<50	<0.000990	<0.00495	<0.000990	<0.00099	<0.00099
SS-13 @ 1'	10/1/2020	1	In Situ	<49.8	<49.8	<49.8	<49.8	<0.000998	<0.00499	<0.000998	<0.000998	<0.000998
SS-14 @ 1'	10/2/2020	1	In Situ	<50.0	**66.2**	<50.0	**66.2**	<0.00100	<0.00500	<0.00100	<0.001	<0.001
SS-15 @ 1'	10/2/2020	1	In Situ	<49.8	<49.8	<49.8	<49.8	<0.000992	<0.00496	<0.000992	<0.000992	<0.000992
SS-16 @ 1'	10/2/2020	1	Excavated	<50.0	**131**	**64.6**	**195.6**	<0.000992	<0.00496	<0.000992	<0.000992	<0.000992
SS-16 @ 1.5'	11/2/2020	1.5	In Situ	<50.0	<50.0	<50.0	<50	--	--	--	--	--
SS-17 @ 1'	10/2/2020	1	Excavated	<50.0	**159**	**88.4**	**247.4**	<0.00100	<0.00500	<0.00100	<0.001	<0.001
SS-17 @ 1.5'	11/2/2020	1.5	In Situ	<50.0	<50.0	<50.0	<50	--	--	--	--	--
SS-18 @ 1'	10/2/2020	1	Excavated	<49.9	**729**	**140**	**869**	<0.000992	<0.00496	<0.000992	<0.000992	<0.000992
SS-18 @ 1.5'	11/2/2020	1.5	Excavated	<49.9	**399**	**179**	**578**	--	--	--	--	--
SS-18 @ 2'	11/17/2020	2	In Situ	<49.8	<49.8	<49.8	<49.8	--	--	--	--	--
SS-19 @ 1'	10/2/2020	1	In Situ	<50.0	<50.0	<50.0	<50	<0.000994	<0.00497	<0.000994	<0.000994	<0.000994
SS-20 @ 1'	10/2/2020	1	In Situ	<50.0	**62.5**	<50.0	**62.5**	<0.000998	<0.00499	<0.000998	<0.000998	<0.000998
SS-21 @ 1'	10/2/2020	1	In Situ	<49.9	<49.9	<49.9	<49.9	<0.000996	<0.00498	<0.000996	<0.000996	<0.000996
SS-22 @ 1'	10/2/2020	1	In Situ	<50.0	**76.7**	<50.0	**76.7**	<0.000996	<0.00498	<0.000996	<0.000996	<0.000996
Duplicate-2 (SS-22)	10/2/2020	-	In Situ	<50.0	**66.7**	<50.0	**66.7**	<0.00100	<0.00500	<0.00100	<0.001	<0.001
SS-23 @ 1'	10/2/2020	1	Excavated	<50.0	**319**	**52.3**	**371.3**	<0.00100	<0.00500	<0.00100	<0.001	<0.001
SS-23 @ 15"	11/2/2020	1.25	In Situ	<50.0	<50.0	<50.0	<50	--	--	--	--	--
SS-24 @ 1'	10/2/2020	1	In Situ	<49.9	**58.4**	<49.9	**58.4**	<0.000998	<0.00499	<0.000998	<0.000998	<0.000998
SS-25 @ 1'	10/2/2020	1	Excavated	<49.8	**378**	**65.0**	**443**	<0.000996	<0.00498	<0.000996	<0.000996	<0.000996
TT-3 @ 3'	4/22/2020	3	In Situ	<1.94	**55.0**	**10.8**	**65.8**	<0.00104	<0.00104	**0.00256**	**0.00589**	**0.00845**
SS-26 @ 1'	10/2/2020	1	Excavated	<50.0	**371**	**69.5**	**440.5**	<0.00100	<0.00500	<0.00100	<0.001	<0.001
SS-26 @ 1.5'	11/2/2020	1.5	In Situ	<49.9	<49.9	<49.9	<49.9	--	--	--	--	--
SS-27 @ 1'	10/2/2020	1	Excavated	**170**	**1,420**	**190**	**1,780**	<0.00100	<0.00500	**0.0160**	**0.126**	**0.142**
SS-27 @ 3'	11/2/2020	3	In Situ	<50.0	**68.1**	<50.0	**68.1**	--	--	--	--	--
SS-28 @ 1'	10/2/2020	1	Excavated	<50.0	**177**	<50.0	**177**	<0.000990	<0.00495	<0.000990	<0.00099	<0.00099
SS-28 @ 1.5'	11/17/2020	1.5	In Situ	<49.9	<49.9	<49.9	<49.9	--	--	--	--	--
SS-29 @ 1'	10/2/2020	1.5	In Situ	<49.9	<49.9	<49.9	<49.9	--	--	--	--	--
Confirmation Sidewall Samples												
SW-1 @ 1.5'	10/1/2020	1.5	Excavated	<50.0	**637**	**164**	**801**	<0.000998	<0.00499	<0.000998	<0.000998	<0.000998
SW-1 @ 2'	11/2/2020	2	In Situ	<50.0	**54.4**	<50.0	**54.4**	--	--	--	--	--
SW-2 @ 1.5'	10/1/2020	1.5	In Situ	<50.0	<50.0	<50.0	<50	<0.000994	<0.00497	**0.00119**	<0.000994	**0.00119**
SW-3 @ 1.5'	10/1/2020	1.5	In Situ	<50.0	**51.8**	<50.0	**51.8**	<0.000990	<0.00495	<0.000990	<0.00099	<0.00099
SW-4 @ 1.5'	10/1/2020	1.5	In Situ	<49.9	<49.9	<49.9	<49.9	<0.000992	<0.00496	<0.000992	<0.000992	<0.000992
SW-5 @ 0.5'	10/1/2020	0.5	In Situ	<49.8	**71.9**	<49.8	**71.9**	<0.000996	<0.00498	<0.000996	<0.000996	<0.000996
SW-6 @ 0.5'	10/1/2020	0.5	In Situ	<50.0	**64.5**	<50.0	**64.5**	<0.000990	<0.00495	<0.000990	<0.00099	<0.00099
SW-7 @ 0.5'	10/2/2020	0.5	Excavated	<49.8	**226**	**74.8**	**300.8**	<0.000998	<0.00499	<0.000998	<0.000998	<0.000998
SW-7a @ 0.5'	11/2/2020	0.5	Excavated	<50.0	**534 X**	**212**	**746**	--	--	--	--	--
SW-7b @ 0.5'	11/17/2020	0.5	In Situ	<50.0	<50.0	<50.0	<50	--	--	--	--	--

TABLE 2
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS FROM EXCAVATION
HOLLY ENERGY PARTNERS - OPERATING, L.P.
Lovington Crude Booster Station Release
NMOCD Tracking No.: NRM2009250299

SW-8 @ 0.5'	10/2/2020	0.5	In Situ	<49.9	<49.9	<49.9	<49.9	<0.000996	<0.00498	<0.000996	<0.000996	<0.000996
SW-9 @ 0.5'	10/2/2020	0.5	Excavated	<50.0	**232**	**62.1**	**294.1**	<0.000998	<0.00499	<0.000998	<0.000998	<0.000998
SW-9a @ 0.5'	11/2/2020	0.5	In Situ	<49.8	<49.8	<49.8	<49.8	--	--	--	--	--
Duplicate-1 (SW-9a @ 0.5')	11/2/2020	0.5	In Situ	<50.0	<50.0	<50.0	<50	--	--	--	--	--
SW-10 @ 0.5'	10/2/2020	0.5	Excavated	<250	**4,380**	**704**	**5,084**	<0.000996	<0.00498	<0.000996	<0.000996	<0.000996
SW-10a @ 0.5'	11/2/2020	0.5	In Situ	<49.8	<49.8	<49.8	<49.8	--	--	--	--	--
SW-11 @ 0.5'	10/2/2020	0.5	Excavated	<250	**3,340**	**628**	**3,968**	<0.000992	<0.00496	<0.000992	**0.00335**	**0.00335**
SW-11a @ 0.5'	11/2/2020	0.5	In Situ	<50.0	<50.0	<50.0	<50	--	--	--	--	--
SW-12 @ 0.5'	10/2/2020	0.5	In Situ	<49.9	<49.9	<49.9	<49.9	<0.000998	<0.00499	<0.000998	<0.000998	<0.000998
SW-13 @ 0.5'	10/2/2020	0.5	In Situ	<50.0	<50.0	<50.0	<50	<0.00100	<0.00500	<0.00100	<0.001	<0.001
SW-14 @ 0.5'	10/2/2020	0.5	In Situ	<50.0	<50.0	<50.0	<50	<0.000998	<0.00499	<0.000998	<0.000998	<0.000998

Notes:

1. GRO: Gasoline Range Organics
2. DRO: Diesel Range Organics
3. MRO: Motor Oil Range Organics
4. Bold indicates the parameter was detected above appropriate laboratory method/sample detection limit.
5. Orange highlight indicates sample results exceeded the NMOCD Closure Criteria.
6. < indicates the parameter was below the appropriate laboratory method/sample detection limit.
7. X: In the Xenco quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix/chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.



BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES.

N

1 " = 2,000 '
1:24,000

0 2,000 4,000
FEET

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PROJECT:
HOLLY ENERGY PARTNERS - OPERATING, L.P.
LOVINGTON CRUDE BOOSTER STATION RELEASE
LEA COUNTY, NEW MEXICO

TITLE:
SITE LOCATION MAP

DRAWN BY:	A. ADAIR
CHECKED BY:	T. BABU
APPROVED BY:	J. STOFFEL
DATE:	JANUARY 2021
PROJ. NO.:	392796
FILE:	392796_1_20200612.mxd

FIGURE 1

S:\1-PROJECTS\HOLLY_ENERGY_PARTNERS\Navajo_Lovington\392796_BoosterStation_Release\mxd\392796_1_20200612.mxd -- Saved By: AADAIR on 1/12/2021, 15:00:43 PM

Sample ID	Benzene	Total BTEX	Total TPH	Chloride
TT-4 @ 0-0.5'	<0.00104	<0.00104	**298.1**	<20.3
TT-4 @ 1'	<0.00128	<0.00128	5.41	94.4
TT-4 @ 4'	<0.00108	<0.00108	5.05	**895**

Sample ID	Benzene	Total BTEX	Total TPH	Chloride
TT-1 @ 3'	<0.00113	<0.00113	66.2	<20.9
TT-1 @ 4'	<0.00113	<0.00113	4.30	<22.2
TT-1 @ 6-7'	<0.00109	<0.00109	6.52	<21.1
DUP-1	<0.000985	<0.000985	8.80	<22.1

Sample ID	Benzene	Total BTEX	Total TPH	Chloride
TT-3 @ 0-0.5'	0.0194	31.46	**10,531**	300
TT-3 @ 3'	<0.00104	0.00845	65.8	205
TT-3 @ 4'	<0.00120	0.00122	6.34	123

Sample ID	Benzene	Total BTEX	Total TPH	Chloride
TT-2 @ 0-0.5'	<0.000982	0.7165	**5,836**	84.6
TT-2 @ 2'	<0.00112	<0.00112	4.81	29.7
TT-2 @ 4'	<0.00123	<0.00123	6.00	<26.4

TT-4

TT-1

TT-2

TT-3

BASEMAP FROM GOOGLE AND THEIR DATA PARTNERS.

LEGEND

- Release Point
- Trench and Soil Sample Locations
- Affected Area
- Stockpile
- Area Excavated to 3 Feet

Sample ID	Benzene	Total BTEX	Total TPH	Chloride
NMOCD Closure Criteria	10 mg/kg	50 mg/kg	100 mg/kg	600 mg/kg

NOTES:
1. GRO: Gasoline Range Organics
2. DRO: Diesel Range Organics
3. MRO: Motor Oil Range Organics
4. Bold indicates the parameter was detected above the NMOCD Closure Criteria.
5. Orange highlight indicates sampled location and interval was targeted for excavation during remedial activities.
6. < indicates the parameter was below the appropriate laboratory method/sample detection limit.
7. DUP-1 was collected from the same location as TT-1 @ 6-7'.
8. First sampling interval at TT-1 was at 3 feet below original ground surface because initial response activities removed the upper 3 feet in the area; excavated soil is stockpiled where shown.

N

0 50 100 Feet

1 " = 50 '

1:600

PROJECT:
HOLLY ENERGY PARTNERS - OPERATING, L.P.
LOVINGTON CRUDE BOOSTER STATION RELEASE
LEA COUNTY, NEW MEXICO

TITLE:
SOIL SAMPLE ANALYTICAL RESULTS MAP
TEST TRENCHES (APRIL 22, 2020)

DRAWN BY:	C. MCELROY	PROJ NO.:	392796
CHECKED BY:	T. BABU		
APPROVED BY:	J. STOFFEL		**FIGURE 2**
DATE:	JANUARY 2021		

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FILE NO.: 392796_5_20200612.mxd

Coordinate System: NAD 1983 2011 StatePlane New Mexico East FIPS 3001 Ft US (Foot US)
Map Rotation: 0

Plot Date: 1/13/2021, 13:38:00 PM by AADAIR -- LAYOUT: ANSI B(11"x17")
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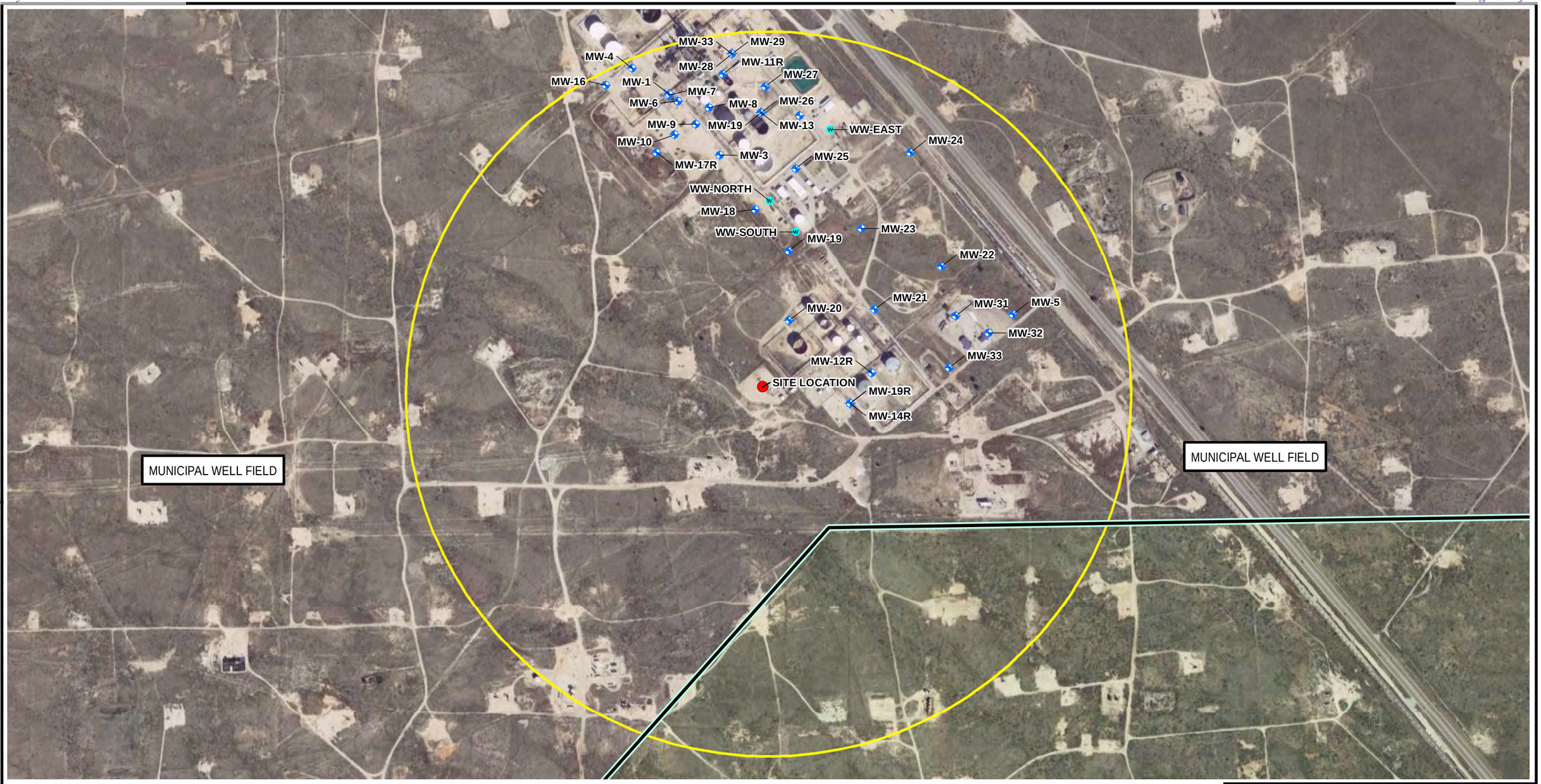
TRC - GIS



BASEMAP FROM GOOGLE AND THEIR DATA PARTNERS

LEGEND

- Site Location
- Monitoring Well
- Water Well
- 1/2 Mile Release Area Radius
- City of Lovington Municipal Freshwater Well Field

0 350 700 Feet

1 " = 700 '

1:8,400

PROJECT:
HOLLY ENERGY PARTNERS - OPERATING, L.P.
LOVINGTON CRUDE BOOSTER STATION RELEASE
LEA COUNTY, NEW MEXICO

TITLE:
WELLHEAD PROTECTION AREA MAP

DRAWN BY:	C. MCELROY	PROJ NO.:	398796
CHECKED BY:	T. BABU		
APPROVED BY:			FIGURE 3
DATE:	JUNE 2020		

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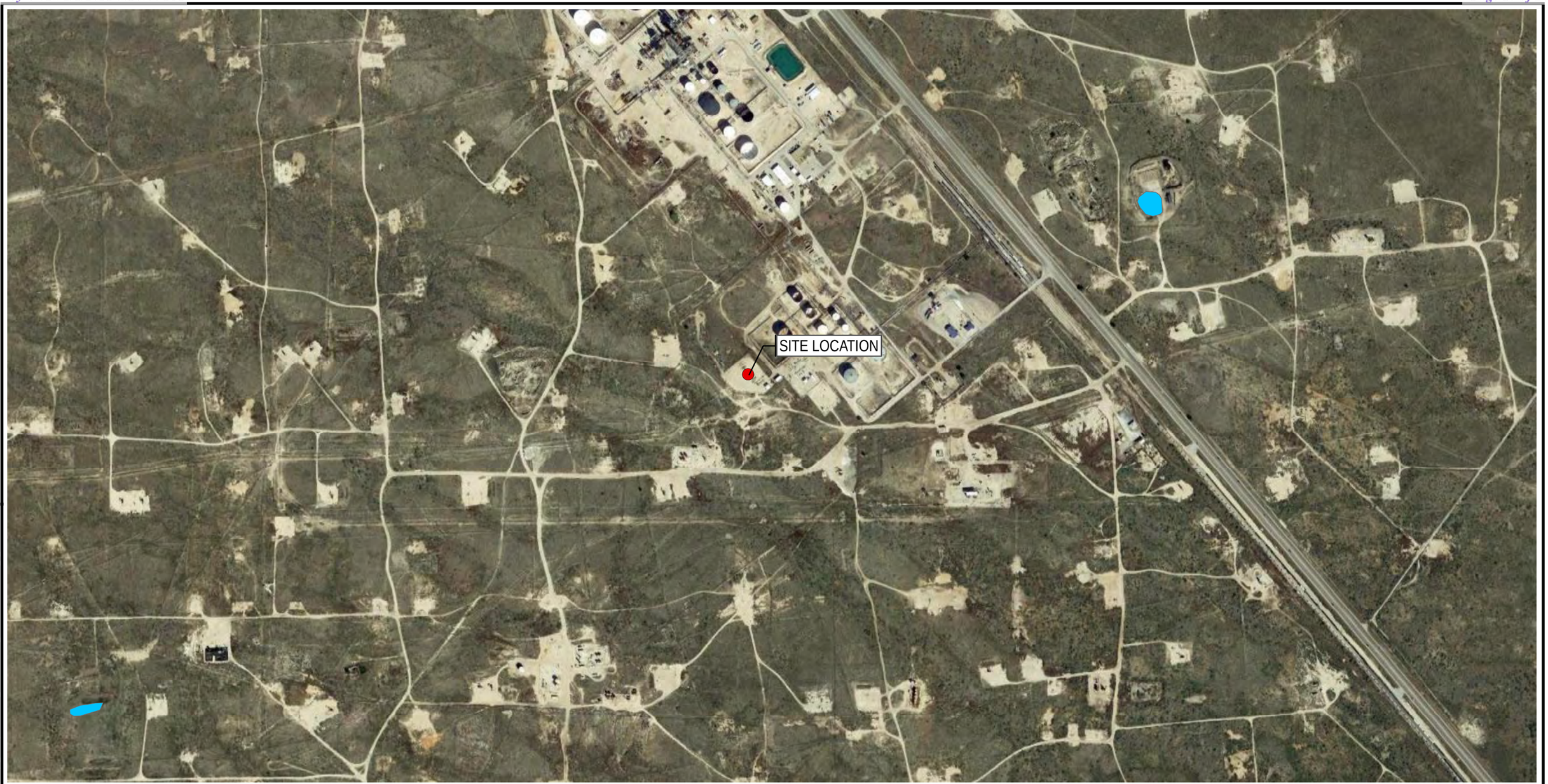
FILE NO.: 392796_2_20200612_V2.mxd



BASEMAP FROM GOOGLE AND THEIR DATA PARTNERS.
FLOODPLAIN DATA FROM FEMA.

LEGEND

USFWS Wetlands

Freshwater Pond

FEMA FLOODPLAIN DATA NOT PRESENT AT CURRENT SCALE.

N

0 350 700 Feet

1 " = 700 '
1:8,400

PROJECT:
HOLLY ENERGY PARTNERS - OPERATING, L.P.
LOVINGTON CRUDE BOOSTER STATION RELEASE
LEA COUNTY, NEW MEXICO

TITLE:
WETLANDS AND FEMA FLOODPLAIN MAP

DRAWN BY:	C. MCELROY	PROJ NO.:	392796
CHECKED BY:	T. BABU		
APPROVED BY:	J. STOFFEL		**FIGURE 4**
DATE:	JUNE 2020		

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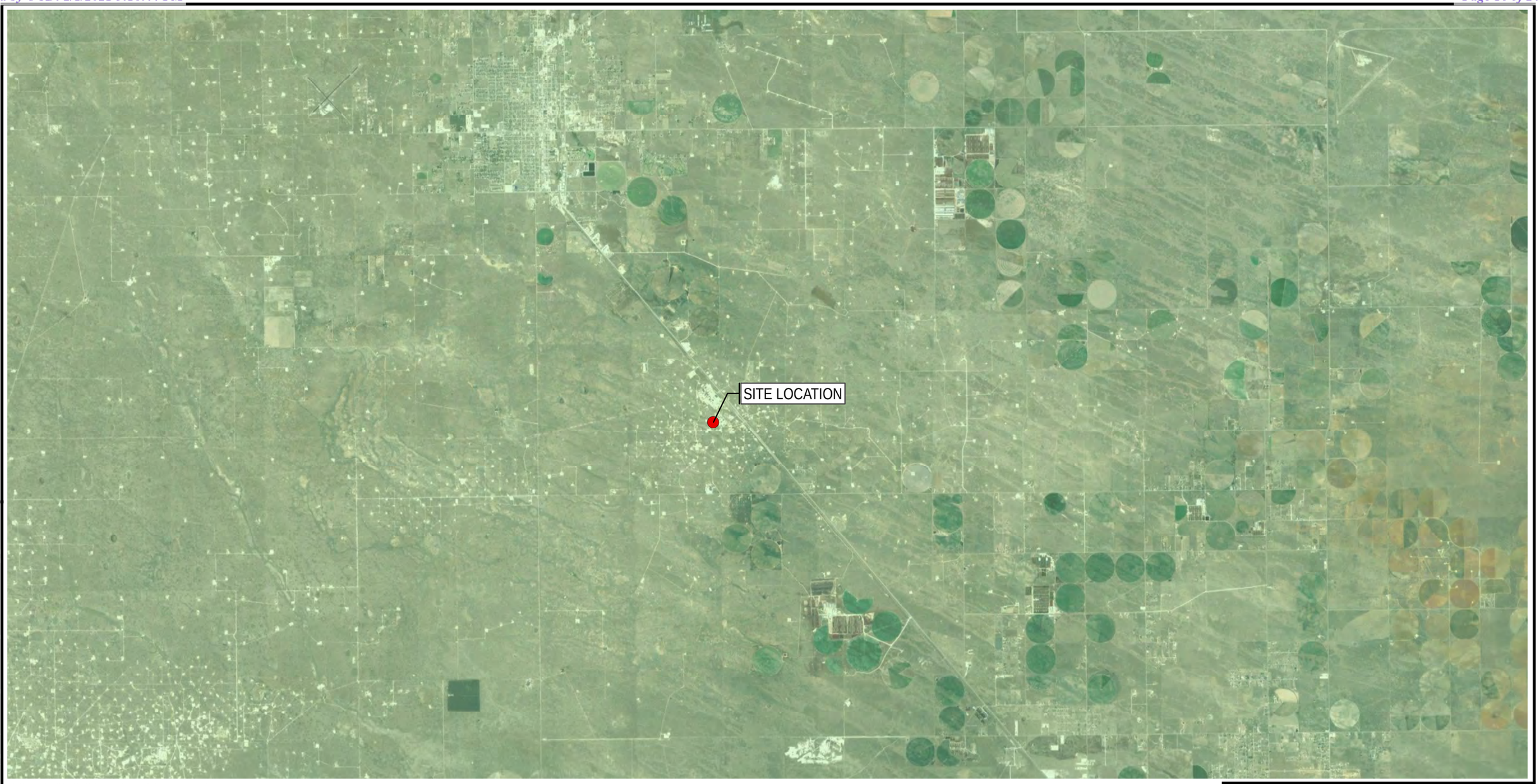
FILE NO.: 392796_3_20200612.mxd

Plot Date: 6/24/2020, 13:58:43 PM by MJAGOE - - LAYOUT: ANSI B (11"x17")
Path: S:\1-PROJECTS\HOLLY_ENERGY_PARTNERS\Navajo_Lovington\392796_BoosterStation_Release\mxd\392796_3_20200612.mxd
Coordinate System: NAD 1983 2011 StatePlane New Mexico East FIPS 3001 Ft US (Foot US)
Map Rotation: 0
TRC - GIS



BASEMAP FROM GOOGLE AND THEIR DATA PARTNERS.
KARST DATA FROM NEW MEXICO BUREAU OF LAND MANAGEMENT.

LEGEND

Low Karst Potential

MEDIUM AND HIGH KARST DATA NOT PRESENT AT CURRENT SCALE.

N

0 1 2 Miles

1 " = 2 MILES
1:100,000

PROJECT:
HOLLY ENERGY PARTNERS - OPERATING, L.P.
LOVINGTON CRUDE BOOSTER STATION RELEASE
LEA COUNTY, NEW MEXICO

TITLE:
KARST POTENTIAL MAP

DRAWN BY:	C. MCELROY	PROJ NO.:	392796
CHECKED BY:	T. BABU		
APPROVED BY:	J. STOFFEL		**FIGURE 5**
DATE:	JUNE 2020		

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FILE NO.: 392796_4_20200612.mxd

Plot Date: 6/24/2020, 13:59:56 PM by MJAGOE -- LAYOUT: ANSI B (11"x17")
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Coordinate System: NAD 1983 2011 StatePlane New Mexico East FIPS 3001 Ft US (Foot US)
Map Rotation: 0

TRC - GIS

SS-14 @ 1' | **66.2**
SS-15 @ 1' | <49.8
SW-8 @ 0.5' | <49.9
SW-7b @ 0.5' | <50.0
SS-16 @ 1.5' | <50.0
SW-9a @ 0.5' | <49.8
Duplicate-1 (SW-9a @ 0.5') | <50.0
SS-17 @ 1.5' | <50.0
SS-18 @ 2' | <49.8
SS-19 @ 1' | <50.0
SW-10a @ 0.5' | <49.8
SW-12 @ 0.5' | <49.9
SS-20 @ 1' | **62.5**
SS-21 @ 1' | <49.9
SS-25/TT-3 @ 3' | **65.8**
SW-13 @ 0.5' | <50
SS-23 @ 15" | <50.0
SS-24 @ 1' | **58.4**
SW-11a @ 0.5' | <50.0
SS-22 @ 1' | **76.7**
Duplicate-2 (SS-22) | **66.7**
SW-2 @ 1.5' | <50
SS-1 @ 3' | **64.5**
SS-3 @ 4' | <50.0
SS-5 @ 4' | <49.9
SW-3 @ 1.5' | **51.8**
SS-6 @ 4' | <50.0
SS-29 @ 1' | <49.9
SS-28 @ 1.5' | <49.9
SW-14 @ 0.5' | <50
SS-2 @ 4' | <49.8
SS-4 @ 4' | <49.9
SW-1 @ 2' | **54.4**
SS-7 @ 3' | **88.4**
SS-9 @ 4' | <49.9
Duplicate-2 (SS-9 @ 4') | <49.9
SS-8 @ 4' | <50.0
SS-10 @ 4' | <49.8
SW-4 @ 1.5' | <49.9
SS-11 @ 4' | <49.9
SW-5 @ 0.5' | **71.9**
SS-12 @ 1' | **64**
Duplicate-1 (SS-12) | <50.0
SS-13 @ 1' | <49.8
SW-6 @ 0.5' | **64.5**
SS-27 @ 3' | **68.1**
SS-26 @ 1.5' | <49.9

LEGEND

- SIDEWALL SAMPLE LOCATION
- FLOOR SAMPLE LOCATION
- CONDUIT
- HEP GAS LINE
- AFFECTED AREA
- STOCKPILE
- EXCAVATED AREA
- ROLL OFF BIN
- RELEASE POINT

NOTES:

1. BOLD INDICATES THE PARAMETER WAS DETECTED ABOVE THE APPROPRIATE LABORATORY METHOD/SAMPLE DETECTION LIMIT.
2. < INDICATES THE PARAMETER WAS BELOW THE APPROPRIATE LABORATORY METHOD/SAMPLE DETECTION LIMIT.
3. ALL VALUES ARE TOTAL TPH, MILLIGRAMS PER KILOGRAM.
4. TPH: TOTAL PETROLEUM HYDROCARBONS.
5. SOIL SAMPLES COLLECTED ON OCTOBER 1 AND 2 AND NOVEMBER 2 AND 17, 2020.

SOURCE: GOOGLE / MAXAR AND THEIR DATA PARTNERS.

0 15 30 Feet
1 " = 30 '
1:360

PROJECT:
HOLLY ENERGY PARTNERS - OPERATING, L.P.
LOVINGTON CRUDE BOOSTER STATION RELEASE
LEA COUNTY, NEW MEXICO

TITLE:
SOIL EXCAVATION AND FINAL CONFIRMATION SAMPLE MAP

DRAWN BY:	A. ADAIR	PROJ. NO.:	392796.0000
CHECKED BY:			
APPROVED BY:			
DATE:	JANUARY 2021		

FIGURE 6

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FILE NO.: 392796_006_SoilEx_ConSample.mxd

Appendix A: Release Notification and Corrective Action Form (NMOCD Form C-141)

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Holly Energy Partners	OGRID 282505
Contact Name Melanie Nolan	Contact Telephone 214-605-8303
Contact email Melanie.Nolan@hollyenergy.com	Incident # *(assigned by OCD)*
Contact mailing address 1602 W Main St. Artesia, NM 88210	

Location of Release Source

Latitude 32.87410145 Longitude -103.30126395
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lovington Crude Booster Station	Site Type Pump Booster Station
Date Release Discovered 3/25/2020	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
P	36	16S	36E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name: City of Lovington)*

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls) Approximately 212	Volume Recovered (bbls) 130
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
Station piping had a bypass valve fail causing the release of the crude oil

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? An unauthorized release exceeding 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, Environmental Specialist – Melanie Nolan OCD Contact Given notification: Gilbert Cordero Notification was given on 3/25/2020 via phone with follow-up email sent to: Mike Bratcher, Victoria Venegas, Robert Hamlet, Jim Griswold and Gilbert Cordero	

Initial Response

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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Melanie Nolan Title: Environmental Specialist

Signature: Melanie Nolan Date: 3/30/2020

email: Melanie.Nolan@hollyenergy.com Telephone: 214-605-8303

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	102 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☒ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: Melanie Nolan Title: Environmental Specialist

Signature: Melanie Nolan Date: 6/23/2020

email: Melanie.Nolan@hollyenergy.com Telephone: 214-605-8303

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- [x] Detailed description of proposed remediation technique
- [x] Scaled sitemap with GPS coordinates showing delineation points
- [x] Estimated volume of material to be remediated
- [x] Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- [x] Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- [ ] Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- [ ] Extents of contamination must be fully delineated.
- [ ] Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Melanie Nolan Title: Environmental Specialist

Signature: Melanie Nolan Date: 6/23/2020

email: Melanie.Nolan@hollyenergy.com Telephone: 214-605-8303

OCD Only

Received by: _____ Date: _____

- [ ] Approved
- [ ] Approved with Attached Conditions of Approval
- [ ] Denied
- [ ] Deferral Approved

Signature: _____ Date: _____

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NRM2009250299
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Melanie Nolan Title: Environmental Specialist

Signature: Melanie Nolan Date: 2/1/2021

email: Melanie.Nolan@hollyenergy.com Telephone: 214-605-8303

OCD Only

Received by: Cristina Eads Date: 02/01/2021

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

Closure Approved by: Cristina Eads Date: 06/16/2021

Printed Name: Cristina Eads Title: Environmental Specialist

Appendix B: Photographic Documentation

HEP- Lovington Booster Station
Date: 12/30/2020

Appendix B - Photographic Documentation

Photograph No. 1 **Date:** **4/22/2020** **Direction:** **North** **Description:** **View of Release area**	
Photograph No. 2 **Date:** **4/22/2020** **Direction:** **Northwest** **Description:** **View of Release area**	

HEP- Lovington Booster Station
Date: 12/30/2020

Appendix B - Photographic Documentation

Photograph No. 3 **Date:** **4/22/2020** **Direction:** **East** **Description:** **View of Release area**	
Photograph No. 4 **Date:** **10/4/2020** **Direction:** **West** **Description:** **View of excavation activities.**	

HEP- Lovington Booster Station
Date: 12/30/2020

Appendix B - Photographic Documentation

Photograph No. 5 **Date:** **10/4/2020** **Direction:** **East** **Description:** **View of excavation activities.**	
Photograph No. 6 **Date:** **11/2/2020** **Direction:** **North** **Description:** **View of excavation activities.**	

HEP- Lovington Booster Station
Date: 12/30/2020

Appendix B - Photographic Documentation

Photograph No. 7 **Date:** **10/4/2020** **Direction:** **East** **Description:** **View of excavation activities.**	
Photograph No. 8 **Date:** **10/4/2020** **Direction:** **East** **Description:** **View of excavation activities.**	

HEP- Lovington Booster Station
Date: 12/30/2020

Appendix B - Photographic Documentation

Photograph No. 9 **Date:** **10/4/2020** **Direction:** **Northwest** **Description:** **View of stockpile.**	
Photograph No. 10 **Date:** **11/17/2020** **Direction:** **Northeast** **Description:** **View of backfilled area.**	

HEP- Lovington Booster Station
Date: 12/30/2020

Appendix B - Photographic Documentation

Photograph No. 11 **Date: 11/17/2020** **Direction: Northeast** **Description: View of backfilled area.**	
Photograph No. 12 **Date: 11/17/2020** **Direction: Southeast** **Description: View of backfilled area.**	

Appendix C: Laboratory Analytical Reports

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Certificate of Analysis Summary 674005

TRC Solutions, Inc, Midland, TX

Project Name: Lovington Bootser Station Release

Project Id:

Contact: Cindy Crain

Project Location:

Date Received in Lab: Wed 09.30.2020 16:38

Report Date: 10.16.2020 13:56

Project Manager: Jessica Kramer

Analysis Requested								
	Lab Id:	674005-001						
	Field Id:	Backfill						
	Depth:							
	Matrix:	SOIL						
	Sampled:	09.30.2020 11:00						
BTEX by SW 8260C SUB: T104704215-20-38	***Extracted:***	10.02.2020 21:00						
	Analyzed:	10.03.2020 02:43						
	Units/RL:	mg/kg	RL					
Benzene		<0.00101	0.00101					
Toluene		<0.00503	0.00503					
Ethylbenzene		<0.00101	0.00101					
m,p-Xylenes		<0.00201	0.00201					
o-Xylene		<0.00101	0.00101					
Total Xylenes		<0.00101	0.00101					
Total BTEX		<0.00101	0.00101					
Chloride by EPA 300	***Extracted:***	10.08.2020 14:05						
	Analyzed:	10.08.2020 17:35						
	Units/RL:	mg/kg	RL					
Chloride		142	5.05					
TPH by SW8015 Mod	***Extracted:***	10.01.2020 11:15						
	Analyzed:	10.01.2020 21:01						
	Units/RL:	mg/kg	RL					
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9					
Diesel Range Organics (DRO)		<49.9	49.9					
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9					
Total TPH		<49.9	49.9					

BRL - Below Reporting Limit

Jessica Kramer

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

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Analytical Report 674005

for

TRC Solutions, Inc

Project Manager: Cindy Crain

Lovington Bootser Station Release

10.16.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

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

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

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)

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10.16.2020

Project Manager: **Cindy Crain**
TRC Solutions, Inc
2057 Commerce
Midland, TX 79703

Reference: Eurofins Xenco, LLC Report No(s): **674005**
Lovington Bootser Station Release
Project Address:

Cindy Crain:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 674005. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 674005 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Jessica Kramer

Jessica Kramer
Project Manager

A Small Business and Minority Company

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

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Sample Cross Reference 674005

TRC Solutions, Inc, Midland, TX

Lovington Bootser Station Release

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Backfill	S	09.30.2020 11:00		674005-001

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CASE NARRATIVE

Client Name: TRC Solutions, Inc

Project Name: Lovington Bootser Station Release

Project ID:
Work Order Number(s): *674005*

Report Date: *10.16.2020*
Date Received: *09.30.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3138901 BTEX by SW 8260C

Lab Sample ID 674005-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Ethylbenzene, Toluene, m,p-Xylenes recovered below QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 674005-001.

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

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Certificate of Analytical Results 674005

TRC Solutions, Inc, Midland, TX

Lovington Bootser Station Release

Sample Id: **Backfill** Matrix: Soil Date Received:09.30.2020 16:38

Lab Sample Id: 674005-001 Date Collected: 09.30.2020 11:00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE

Analyst: CHE Date Prep: 10.08.2020 14:05 % Moisture:

Seq Number: 3139221 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**142**	5.05	mg/kg	10.08.2020 17:35		1

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P

Tech: DVM

Analyst: ARM Date Prep: 10.01.2020 11:15 % Moisture:

Seq Number: 3138683 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.01.2020 21:01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.01.2020 21:01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.01.2020 21:01	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.01.2020 21:01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	10.01.2020 21:01	
o-Terphenyl	84-15-1	91	%	70-130	10.01.2020 21:01	

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Certificate of Analytical Results 674005

TRC Solutions, Inc, Midland, TX

Lovington Bootser Station Release

Sample Id: **Backfill**
Lab Sample Id: 674005-001

Matrix: Soil
Date Collected: 09.30.2020 11:00

Date Received:09.30.2020 16:38

Analytical Method: BTEX by SW 8260C
Tech: NAL
Analyst: NAL
Seq Number: 3138901

Prep Method: SW5035A

Date Prep: 10.02.2020 21:00

% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00101	0.00101	mg/kg	10.03.2020 02:43	U	1
Toluene	108-88-3	<0.00503	0.00503	mg/kg	10.03.2020 02:43	UX	1
Ethylbenzene	100-41-4	<0.00101	0.00101	mg/kg	10.03.2020 02:43	UX	1
m,p-Xylenes	179601-23-1	<0.00201	0.00201	mg/kg	10.03.2020 02:43	UX	1
o-Xylene	95-47-6	<0.00101	0.00101	mg/kg	10.03.2020 02:43	UX	1
Total Xylenes	1330-20-7	<0.00101	0.00101	mg/kg	10.03.2020 02:43	U	1
Total BTEX		<0.00101	0.00101	mg/kg	10.03.2020 02:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	109	%	53-142	10.03.2020 02:43	
1,2-Dichloroethane-D4	17060-07-0	102	%	53-150	10.03.2020 02:43	
Toluene-D8	2037-26-5	92	%	70-130	10.03.2020 02:43	

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Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

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

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

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

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

+ NELAC certification not offered for this compound.

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

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QC Summary 674005

TRC Solutions, Inc

Lovington Bootser Station Release

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3139221 — Matrix: Solid — Date Prep: 10.08.2020
MB Sample Id: 7712878-1-BLK — LCS Sample Id: 7712878-1-BKS — LCSD Sample Id: 7712878-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	268	107	268	107	90-110	0	20	mg/kg	10.08.2020 14:31	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3139221 — Matrix: Soil — Date Prep: 10.08.2020
Parent Sample Id: 674561-001 — MS Sample Id: 674561-001 S — MSD Sample Id: 674561-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	71.7	251	325	101	325	101	90-110	0	20	mg/kg	10.08.2020 14:50	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3139221 — Matrix: Soil — Date Prep: 10.08.2020
Parent Sample Id: 674584-002 — MS Sample Id: 674584-002 S — MSD Sample Id: 674584-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	317	253	584	106	583	105	90-110	0	20	mg/kg	10.08.2020 16:19	

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3138683 — Matrix: Solid — Date Prep: 10.01.2020
MB Sample Id: 7712480-1-BLK — LCS Sample Id: 7712480-1-BKS — LCSD Sample Id: 7712480-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	951	95	1000	100	70-130	5	20	mg/kg	10.01.2020 12:39	
Diesel Range Organics (DRO)	<50.0	1000	1040	104	1030	103	70-130	1	20	mg/kg	10.01.2020 12:39	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	94		107		106		70-130	%	10.01.2020 12:39
o-Terphenyl	91		96		95		70-130	%	10.01.2020 12:39

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3138683 — Matrix: Solid — Date Prep: 10.01.2020
MB Sample Id: 7712480-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.01.2020 12:17	

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

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

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

QC Summary 674005

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TRC Solutions, Inc

Lovington Bootser Station Release

Analytical Method: **TPH by SW8015 Mod** Prep Method: SW8015P
Seq Number: 3138683 Matrix: Soil Date Prep: 10.01.2020
Parent Sample Id: 673912-001 MS Sample Id: 673912-001 S MSD Sample Id: 673912-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	882	88	869	87	70-130	1	20	mg/kg	10.01.2020 13:44	
Diesel Range Organics (DRO)	<49.9	997	967	97	994	100	70-130	3	20	mg/kg	10.01.2020 13:44	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	95		96		70-130	%	10.01.2020 13:44
o-Terphenyl	82		85		70-130	%	10.01.2020 13:44

Analytical Method: **BTEX by SW 8260C** Prep Method: SW5035A
Seq Number: 3138901 Matrix: Solid Date Prep: 10.02.2020
MB Sample Id: 7712658-1-BLK LCS Sample Id: 7712658-1-BKS LCSD Sample Id: 7712658-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00100	0.0500	0.0494	99	0.0486	97	62-132	2	25	mg/kg	10.02.2020 22:28	
Toluene	<0.00500	0.0500	0.0445	89	0.0429	86	66-124	4	25	mg/kg	10.02.2020 22:28	
Ethylbenzene	<0.00100	0.0500	0.0454	91	0.0444	89	71-134	2	25	mg/kg	10.02.2020 22:28	
m,p-Xylenes	<0.00200	0.100	0.0889	89	0.0881	88	69-128	1	25	mg/kg	10.02.2020 22:28	
o-Xylene	<0.00100	0.0500	0.0451	90	0.0445	89	72-131	1	25	mg/kg	10.02.2020 22:28	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	111		114		115		53-142	%	10.02.2020 22:28
1,2-Dichloroethane-D4	101		103		99		53-150	%	10.02.2020 22:28
Toluene-D8	90		94		94		70-130	%	10.02.2020 22:28

Analytical Method: **BTEX by SW 8260C** Prep Method: SW5035A
Seq Number: 3138901 Matrix: Soil Date Prep: 10.02.2020
Parent Sample Id: 674005-001 MS Sample Id: 674005-001 S MSD Sample Id: 674005-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00101	0.0503	0.0397	79	0.0350	71	62-132	13	25	mg/kg	10.02.2020 23:14	
Toluene	<0.00503	0.0503	0.0344	68	0.0297	60	66-124	15	25	mg/kg	10.02.2020 23:14	X
Ethylbenzene	<0.00101	0.0503	0.0356	71	0.0309	62	71-134	14	25	mg/kg	10.02.2020 23:14	X
m,p-Xylenes	<0.00201	0.101	0.0696	69	0.0601	61	69-128	15	25	mg/kg	10.02.2020 23:14	X
o-Xylene	<0.00101	0.0503	0.0350	70	0.0300	60	72-131	15	25	mg/kg	10.02.2020 23:14	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	115		116		53-142	%	10.02.2020 23:14
1,2-Dichloroethane-D4	103		107		53-150	%	10.02.2020 23:14
Toluene-D8	91		89		70-130	%	10.02.2020 23:14

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

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

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

XENCO LABORATORIES

Chain of Custody

Work Order No: 674005

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)
www.xenco.com Page 1 of 1

Project Manager:	Cindy Crain	Bill to: (if different)	Cindy Crain
Company Name:	TRC	Company Name:	TRC
Address:	10 Desta Dr. STE 150E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-215-6730	Email:	Cindy, Tania, Misti

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lovington Booster Station	Turn Around	
Project Number:	Release	Routine	☒
P.O. Number:		Rush:	
Sampler's Name:	Tania Baker / Misti Teinert	Due Date:	

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Temperature (°C):	11.2/11.7	Thermometer ID	IR8	
Received Intact:	(Yes) No			
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.5	
Sample Custody Seals:	Yes No (N/A)	Total Containers:	2	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH (8015M)	Chloride (E300)	BTEX (8260)	Work Order Notes
Backfill	S	09/30/20	1100	–	2	X	X	X	TAT starts the day recevied by the lab, if received by 4:30pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		9/30 1637	2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Inter-Office Shipment

IOS Number : 71245

Date/Time:	09.30.2020	Created by:	Brianna Teel	Please send report to:	Jessica Kramer
Lab# From:	**Midland**	Delivery Priority:		Address:	1211 W. Florida Ave
Lab# To:	**Houston**	Air Bill No.:	771677025779	E-Mail:	jessica.kramer@xenco.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
674005-001	S	Backfill	09.30.2020 11:00	SW8260CBTEX	BTEX by SW 8260C	10.06.2020	10.14.2020	JKR	BZ BZME EBZ XYLENE	

Inter Office Shipment or Sample Comments:

Relinquished By: Brianna Teel

Date Relinquished: 09.30.2020

Received By: Monica Benavides

Date Received: 10.01.2020

Cooler Temperature: 2.4

Eurofins Xenco, LLC

Inter Office Report- Sample Receipt Checklist

Sent To: Houston

IOS #: 71245

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient
Temperature Measuring device used : HOU-203

Sent By: Brianna Teel **Date Sent:** 09.30.2020 09.11 AM

Received By: Monica Benavides **Date Received:** 10.01.2020 10.00 AM

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	2.4	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received with appropriate temperature?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**	
#5 *Custody Seals Signed and dated for Containers/coolers	**Yes**	
#6 *IOS present?	**Yes**	
#7 Any missing/extra samples?	**No**	
#8 IOS agrees with sample label(s)/matrix?	**Yes**	
#9 Sample matrix/ properties agree with IOS?	**Yes**	
#10 Samples in proper container/ bottle?	**Yes**	
#11 Samples properly preserved?	**Yes**	
#12 Sample container(s) intact?	**Yes**	
#13 Sufficient sample amount for indicated test(s)?	**Yes**	
#14 All samples received within hold time?	**Yes**	

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

NonConformance:

Corrective Action Taken:

Nonconformance Documentation

Contact: _____ **Contacted by :** _____ **Date:** _____

Checklist reviewed by: _____ Date: 10.01.2020
Monica Benavides

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: TRC Solutions, Inc

Date/ Time Received: 09.30.2020 04.38.44 PM

Work Order #: 674005

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR-8

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	11.7	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	Cooling in progress
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6*Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Any missing/extra samples?	**No**	
#9 Chain of Custody signed when relinquished/ received?	**Yes**	
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**	
#11 Container label(s) legible and intact?	**Yes**	
#12 Samples in proper container/ bottle?	**Yes**	
#13 Samples properly preserved?	**Yes**	
#14 Sample container(s) intact?	**Yes**	
#15 Sufficient sample amount for indicated test(s)?	**Yes**	
#16 All samples received within hold time?	**Yes**	
#17 Subcontract of sample(s)?	**Yes**	Xenco Stafford-BTEX8260
#18 Water VOC samples have zero headspace?	**N/A**	

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

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 10.01.2020
Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 10.05.2020
Jessica Kramer

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Certificate of Analysis Summary 674253

TRC Solutions, Inc, Midland, TX

Project Name: HEP:Lovington Booster

Project Id: 392796
Contact: Cindy Crain
Project Location: Lovington, NM

Date Received in Lab: Fri 10.02.2020 17:06
Report Date: 10.13.2020 12:11
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	674253-001		674253-002		674253-003		674253-004		674253-005		674253-006	
	Field Id:	SW-1 @ 1.5'		SW-2 @ 1.5'		SW-3 @ 1.5'		SW-4 @ 1.5'		SW-5 @ 0.5'		SW-6 @ 0.5'	
	Depth:	1.5- ft		1.5- ft		1.5- ft		1.5- ft		0.5- ft		0.5- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.01.2020 08:00		10.01.2020 08:10		10.01.2020 08:20		10.01.2020 08:30		10.01.2020 08:40		10.01.2020 08:50	
BTEX by SW 8260C	***Extracted:***	10.08.2020 16:30		10.09.2020 16:25		10.08.2020 16:30		10.08.2020 16:30		10.08.2020 16:30		10.08.2020 16:30	
SUB: T104704215-20-38	***Analyzed:***	10.09.2020 02:50		10.09.2020 17:07		10.09.2020 03:32		10.09.2020 03:53		10.09.2020 04:14		10.09.2020 04:35	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.000998	0.000998	<0.000994	0.000994	<0.000990	0.000990	<0.000992	0.000992	<0.000996	0.000996	<0.000990	0.000990
Toluene		<0.00499	0.00499	<0.00497	0.00497	<0.00495	0.00495	<0.00496	0.00496	<0.00498	0.00498	<0.00495	0.00495
Ethylbenzene		<0.000998	0.000998	0.00119	0.000994	<0.000990	0.000990	<0.000992	0.000992	<0.000996	0.000996	<0.000990	0.000990
m,p-Xylenes		<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198
o-Xylene		<0.000998	0.000998	<0.000994	0.000994	<0.000990	0.000990	<0.000992	0.000992	<0.000996	0.000996	<0.000990	0.000990
Total Xylenes		<0.000998	0.000998	<0.000994	0.000994	<0.00099	0.00099	<0.000992	0.000992	<0.000996	0.000996	<0.00099	0.00099
Total BTEX		<0.000998	0.000998	0.00119	0.000994	<0.00099	0.00099	<0.000992	0.000992	<0.000996	0.000996	<0.00099	0.00099
TPH by SW8015 Mod	***Extracted:***	10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00	
	Analyzed:	10.05.2020 14:29		10.05.2020 15:36		10.05.2020 15:58		10.05.2020 16:20		10.05.2020 16:43		10.05.2020 17:05	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Diesel Range Organics (DRO)		637	50.0	<50.0	50.0	51.8	50.0	<49.9	49.9	71.9	49.8	64.5	50.0
Motor Oil Range Hydrocarbons (MRO)		164	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Total TPH		801	50	<50	50	51.8	50	<49.9	49.9	71.9	49.8	64.5	50

BRL - Below Reporting Limit

Jessica Kramer

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Certificate of Analysis Summary 674253

TRC Solutions, Inc, Midland, TX

Project Name: HEP:Lovington Booster

Project Id: 392796
Contact: Cindy Crain
Project Location: Lovington, NM

Date Received in Lab: Fri 10.02.2020 17:06
Report Date: 10.13.2020 12:11
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	674253-007		674253-008		674253-009		674253-010		674253-011		674253-012	
	Field Id:	SS-1 @ 3'		SS-2 @ 3'		SS-3 @ 3'		SS-4 @ 3'		SS-5 @ 3'		SS-6 @ 3'	
	Depth:	3- ft		3- ft		3- ft		3- ft		3- ft		3- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.01.2020 09:00		10.01.2020 09:10		10.01.2020 09:20		10.01.2020 09:30		10.01.2020 09:40		10.01.2020 09:50	
BTEX by SW 8260C SUB: T104704215-20-38	***Extracted:***	10.09.2020 16:25		10.09.2020 16:25		10.09.2020 16:25		10.08.2020 16:30		10.09.2020 16:25		10.09.2020 16:25	
	Analyzed:	10.09.2020 17:27		10.09.2020 17:47		10.09.2020 18:07		10.09.2020 05:58		10.09.2020 18:27		10.09.2020 18:46	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00100	0.00100	<0.000994	0.000994	<0.000998	0.000998	<0.000996	0.000996	<0.000992	0.000992	<0.000994	0.000994
Toluene		<0.00500	0.00500	<0.00497	0.00497	<0.00499	0.00499	<0.00498	0.00498	<0.00496	0.00496	<0.00497	0.00497
Ethylbenzene		<0.00100	0.00100	<0.000994	0.000994	<0.000998	0.000998	<0.000996	0.000996	<0.000992	0.000992	<0.000994	0.000994
m,p-Xylenes		<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
o-Xylene		<0.00100	0.00100	<0.000994	0.000994	<0.000998	0.000998	<0.000996	0.000996	<0.000992	0.000992	<0.000994	0.000994
Total Xylenes		<0.001	0.001	<0.000994	0.000994	<0.000998	0.000998	<0.000996	0.000996	<0.000992	0.000992	<0.000994	0.000994
Total BTEX		<0.001	0.001	<0.000994	0.000994	<0.000998	0.000998	<0.000996	0.000996	<0.000992	0.000992	<0.000994	0.000994
TPH by SW8015 Mod	***Extracted:***	10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00	
	Analyzed:	10.05.2020 17:27		10.05.2020 17:50		10.05.2020 18:12		10.05.2020 18:35		10.05.2020 19:20		10.05.2020 19:42	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Diesel Range Organics (DRO)		64.5	49.9	634	50.0	446	50.0	551	49.9	920	49.8	1440	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	110	50.0	83.6	50.0	86.3	49.9	141	49.8	228	50.0
Total TPH		64.5	49.9	744	50	529.6	50	637.3	49.9	1061	49.8	1668	50

BRL - Below Reporting Limit

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

Jessica Kramer

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Certificate of Analysis Summary 674253

TRC Solutions, Inc, Midland, TX

Project Name: HEP:Lovington Booster

Project Id: 392796
Contact: Cindy Crain
Project Location: Lovington, NM

Date Received in Lab: Fri 10.02.2020 17:06
Report Date: 10.13.2020 12:11
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	674253-013		674253-014		674253-015		674253-016		674253-017		674253-018	
	Field Id:	SS-7 @ 3'		SS-8 @ 3'		SS-9 @ 3'		SS-10 @ 3'		SS-11 @ 1'		SS-12 @ 1'	
	Depth:	3- ft		3- ft		3- ft		3- ft		1- ft		1- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.01.2020 10:00		10.01.2020 10:10		10.01.2020 10:20		10.01.2020 10:30		10.01.2020 10:40		10.01.2020 10:50	
BTEX by SW 8260C	***Extracted:***	10.08.2020 16:30		10.08.2020 16:30		10.09.2020 16:25		10.09.2020 16:25		10.08.2020 16:30		10.08.2020 16:30	
SUB: T104704215-20-38	***Analyzed:***	10.09.2020 07:00		10.09.2020 07:21		10.09.2020 19:06		10.09.2020 19:26		10.09.2020 08:23		10.09.2020 08:44	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.000998	0.000998	<0.00100	0.00100	<0.000994	0.000994	<0.000990	0.000990	<0.00100	0.00100	<0.000994	0.000994
Toluene		<0.00499	0.00499	<0.00500	0.00500	<0.00497	0.00497	<0.00495	0.00495	<0.00501	0.00501	<0.00497	0.00497
Ethylbenzene		<0.000998	0.000998	<0.00100	0.00100	<0.000994	0.000994	<0.000990	0.000990	<0.00100	0.00100	<0.000994	0.000994
m,p-Xylenes		<0.00200	0.00200	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200	<0.00199	0.00199
o-Xylene		<0.000998	0.000998	<0.00100	0.00100	<0.000994	0.000994	<0.000990	0.000990	<0.00100	0.00100	<0.000994	0.000994
Total Xylenes		<0.000998	0.000998	<0.001	0.001	<0.000994	0.000994	<0.00099	0.00099	<0.001	0.001	<0.000994	0.000994
Total BTEX		<0.000998	0.000998	<0.001	0.001	<0.000994	0.000994	<0.00099	0.00099	<0.001	0.001	<0.000994	0.000994
TPH by SW8015 Mod	***Extracted:***	10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00	
	Analyzed:	10.05.2020 20:04		10.05.2020 20:27		10.05.2020 20:49		10.05.2020 21:11		10.05.2020 21:34		10.05.2020 21:56	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<49.8	49.8	<250	250	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		88.4	50.0	298	49.9	2150	49.8	3770	250	317	50.0	64.0	49.9
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	55.7	49.9	308	49.8	645	250	57.3	50.0	<49.9	49.9
Total TPH		88.4	50	353.7	49.9	2458	49.8	4415	250	374.3	50	64	49.9

BRL - Below Reporting Limit

Jessica Kramer

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

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Certificate of Analysis Summary 674253

TRC Solutions, Inc, Midland, TX

Project Name: HEP:Lovington Booster

Project Id: 392796
Contact: Cindy Crain
Project Location: Lovington, NM

Date Received in Lab: Fri 10.02.2020 17:06
Report Date: 10.13.2020 12:11
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	674253-019		674253-020		674253-021		674253-022		674253-023		674253-024	
	Field Id:	SS-13 @ 1'		SS-14 @ 1'		Duplicate-1		SS-15 @ 1'		SS-16 @ 1'		SS-17 @ 1'	
	Depth:	1- ft		1- ft				1- ft		1- ft		1- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.01.2020 11:00		10.02.2020 08:00		10.01.2020 00:00		10.02.2020 08:10		10.02.2020 08:20		10.02.2020 08:30	
BTEX by SW 8260C	***Extracted:***	10.08.2020 16:30		10.08.2020 16:30		10.09.2020 13:00		10.09.2020 13:00		10.09.2020 13:00		10.09.2020 13:00	
SUB: T104704215-20-38	***Analyzed:***	10.09.2020 09:05		10.09.2020 09:26		10.09.2020 13:57		10.09.2020 14:38		10.09.2020 14:59		10.09.2020 15:21	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.000998	0.000998	<0.00100	0.00100	<0.000990	0.000990	<0.000992	0.000992	<0.000992	0.000992	<0.00100	0.00100
Toluene		<0.00499	0.00499	<0.00500	0.00500	<0.00495	0.00495	<0.00496	0.00496	<0.00496	0.00496	<0.00500	0.00500
Ethylbenzene		<0.000998	0.000998	<0.00100	0.00100	<0.000990	0.000990	<0.000992	0.000992	<0.000992	0.000992	<0.00100	0.00100
m,p-Xylenes		<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00198	0.00198	<0.00198	0.00198	<0.00200	0.00200
o-Xylene		<0.000998	0.000998	<0.00100	0.00100	<0.000990	0.000990	<0.000992	0.000992	<0.000992	0.000992	<0.00100	0.00100
Total Xylenes		<0.000998	0.000998	<0.001	0.001	<0.00099	0.00099	<0.000992	0.000992	<0.000992	0.000992	<0.001	0.001
Total BTEX		<0.000998	0.000998	<0.001	0.001	<0.00099	0.00099	<0.000992	0.000992	<0.000992	0.000992	<0.001	0.001
TPH by SW8015 Mod	***Extracted:***	10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00	
	Analyzed:	10.05.2020 22:19		10.05.2020 22:41		10.05.2020 14:29		10.05.2020 15:36		10.05.2020 15:58		10.05.2020 16:20	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0
Diesel Range Organics (DRO)		<49.8	49.8	66.2	50.0	<50.0	50.0	<49.8	49.8	131	50.0	159	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.8	49.8	64.6	50.0	88.4	50.0
Total TPH		<49.8	49.8	66.2	50	<50	50	<49.8	49.8	195.6	50	247.4	50

BRL - Below Reporting Limit

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

Jessica Kramer

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Certificate of Analysis Summary 674253

TRC Solutions, Inc, Midland, TX

Project Name: HEP:Lovington Booster

Project Id: 392796
Contact: Cindy Crain
Project Location: Lovington, NM

Date Received in Lab: Fri 10.02.2020 17:06
Report Date: 10.13.2020 12:11
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	674253-025		674253-026		674253-027		674253-028		674253-029		674253-030	
	Field Id:	SS-18 @ 1'		SS-19 @ 1'		SS-20 @ 1'		SSS-21 @ 1'		SS-22 @ 1'		SS-23 @ 1'	
	Depth:	1- ft		1- ft		1- ft		1- ft		1- ft		1- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.02.2020 08:40		10.02.2020 08:50		10.02.2020 09:00		10.02.2020 09:10		10.02.2020 09:20		10.02.2020 08:00	
BTEX by SW 8260C SUB: T104704215-20-38	***Extracted:***	10.09.2020 13:00		10.09.2020 13:00		10.09.2020 13:00		10.09.2020 13:00		10.09.2020 13:00		10.09.2020 13:00	
	Analyzed:	10.09.2020 15:41		10.09.2020 16:02		10.09.2020 16:24		10.09.2020 16:44		10.09.2020 17:05		10.09.2020 17:26	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.000992	0.000992	<0.000994	0.000994	<0.000998	0.000998	<0.000996	0.000996	<0.000996	0.000996	<0.00100	0.00100
Toluene		<0.00496	0.00496	<0.00497	0.00497	<0.00499	0.00499	<0.00498	0.00498	<0.00498	0.00498	<0.00500	0.00500
Ethylbenzene		<0.000992	0.000992	<0.000994	0.000994	<0.000998	0.000998	<0.000996	0.000996	<0.000996	0.000996	<0.00100	0.00100
m,p-Xylenes		<0.00198	0.00198	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00199	0.00199	<0.00200	0.00200
o-Xylene		<0.000992	0.000992	<0.000994	0.000994	<0.000998	0.000998	<0.000996	0.000996	<0.000996	0.000996	<0.00100	0.00100
Total Xylenes		<0.000992	0.000992	<0.000994	0.000994	<0.000998	0.000998	<0.000996	0.000996	<0.000996	0.000996	<0.001	0.001
Total BTEX		<0.000992	0.000992	<0.000994	0.000994	<0.000998	0.000998	<0.000996	0.000996	<0.000996	0.000996	<0.001	0.001
TPH by SW8015 Mod	***Extracted:***	10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00	
	Analyzed:	10.05.2020 16:43		10.05.2020 17:05		10.05.2020 17:27		10.05.2020 17:50		10.05.2020 18:12		10.05.2020 18:35	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0
Diesel Range Organics (DRO)		729	49.9	<50.0	50.0	62.5	50.0	<49.9	49.9	76.7	50.0	319	50.0
Motor Oil Range Hydrocarbons (MRO)		140	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	52.3	50.0
Total TPH		869	49.9	<50	50	62.5	50	<49.9	49.9	76.7	50	371.3	50

BRL - Below Reporting Limit

Jessica Kramer

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Certificate of Analysis Summary 674253

TRC Solutions, Inc, Midland, TX

Project Name: HEP:Lovington Booster

Project Id: 392796
Contact: Cindy Crain
Project Location: Lovington, NM

Date Received in Lab: Fri 10.02.2020 17:06
Report Date: 10.13.2020 12:11
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	674253-031		674253-032		674253-033		674253-034		674253-035		674253-036	
	Field Id:	SS-24 @ 1'		SS-25 @ 1'		SS-26 @ 1'		SS-27 @ 1'		SS-28 @ 1'		Duplicate-2	
	Depth:	1- ft		1- ft		1- ft		1- ft		1- ft			
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.02.2020 11:30		10.02.2020 11:40		10.02.2020 09:30		10.02.2020 09:40		10.02.2020 09:50		10.02.2020 00:00	
BTEX by SW 8260C	***Extracted:***	10.09.2020 13:00		10.09.2020 13:00		10.09.2020 17:00		10.09.2020 17:00		10.09.2020 17:00		10.09.2020 17:00	
SUB: T104704215-20-38	***Analyzed:***	10.09.2020 17:47		10.09.2020 18:07		10.10.2020 01:47		10.10.2020 02:10		10.10.2020 02:33		10.10.2020 02:56	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.000998	0.000998	<0.000996	0.000996	<0.00100	0.00100	<0.00100	0.00100	<0.000990	0.000990	<0.00100	0.00100
Toluene		<0.00499	0.00499	<0.00498	0.00498	<0.00500	0.00500	<0.00500	0.00500	<0.00495	0.00495	<0.00500	0.00500
Ethylbenzene		<0.000998	0.000998	<0.000996	0.000996	<0.00100	0.00100	0.0160	0.00100	<0.000990	0.000990	<0.00100	0.00100
m,p-Xylenes		<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00200	0.00200	<0.00198	0.00198	<0.00200	0.00200
o-Xylene		<0.000998	0.000998	<0.000996	0.000996	<0.00100	0.00100	0.126	0.00100	<0.000990	0.000990	<0.00100	0.00100
Total Xylenes		<0.000998	0.000998	<0.000996	0.000996	<0.001	0.001	0.126	0.001	<0.00099	0.00099	<0.001	0.001
Total BTEX		<0.000998	0.000998	<0.000996	0.000996	<0.001	0.001	0.142	0.001	<0.00099	0.00099	<0.001	0.001
TPH by SW8015 Mod	***Extracted:***	10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00	
	Analyzed:	10.05.2020 19:20		10.05.2020 19:42		10.05.2020 20:04		10.05.2020 20:27		10.05.2020 20:49		10.05.2020 21:11	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<49.8	49.8	<50.0	50.0	170	49.9	<50.0	50.0	<50.0	50.0
Diesel Range Organics (DRO)		58.4	49.9	378	49.8	371	50.0	1420	49.9	177	50.0	66.7	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	65.0	49.8	69.5	50.0	190	49.9	<50.0	50.0	<50.0	50.0
Total TPH		58.4	49.9	443	49.8	440.5	50	1780	49.9	177	50	66.7	50

BRL - Below Reporting Limit

Jessica Kramer

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Certificate of Analysis Summary 674253

TRC Solutions, Inc, Midland, TX

Project Name: HEP:Lovington Booster

Project Id: 392796
Contact: Cindy Crain
Project Location: Lovington, NM

Date Received in Lab: Fri 10.02.2020 17:06
Report Date: 10.13.2020 12:11
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	674253-037		674253-038		674253-039		674253-040		674253-041		674253-042	
	Field Id:	SW-7 @ 0.5'		SW-8 @ 0.5'		SW-9 @ 0.5'		SW-10 @ 0.5'		SW-11 @ 0.5'		SW-12 @ 0.5'	
	Depth:	0-5 ft		0-5 ft		0-5 ft		0-5 ft		0-5 ft		0-5 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	10.02.2020 10:00		10.02.2020 10:10		10.02.2020 10:20		10.02.2020 10:30		10.02.2020 10:40		10.02.2020 10:50	
BTEX by SW 8260C	***Extracted:***	10.09.2020 17:00		10.09.2020 17:00		10.09.2020 17:00		10.09.2020 17:00		10.09.2020 16:25		10.09.2020 16:25	
SUB: T104704215-20-38	***Analyzed:***	10.10.2020 03:19		10.10.2020 03:43		10.10.2020 04:06		10.10.2020 04:29		10.09.2020 19:46		10.09.2020 20:06	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.000998	0.000998	<0.000996	0.000996	<0.000998	0.000998	<0.000996	0.000996	<0.000992	0.000992	<0.000998	0.000998
Toluene		<0.00499	0.00499	<0.00498	0.00498	<0.00499	0.00499	<0.00498	0.00498	<0.00496	0.00496	<0.00499	0.00499
Ethylbenzene		<0.000998	0.000998	<0.000996	0.000996	<0.000998	0.000998	<0.000996	0.000996	<0.000992	0.000992	<0.000998	0.000998
m,p-Xylenes		<0.00200	0.00200	<0.00199	0.00199	<0.00200	0.00200	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200
o-Xylene		<0.000998	0.000998	<0.000996	0.000996	<0.000998	0.000998	<0.000996	0.000996	0.00335	0.000992	<0.000998	0.000998
Total Xylenes		<0.000998	0.000998	<0.000996	0.000996	<0.000998	0.000998	<0.000996	0.000996	0.00335	0.000992	<0.000998	0.000998
Total BTEX		<0.000998	0.000998	<0.000996	0.000996	<0.000998	0.000998	<0.000996	0.000996	0.00335	0.000992	<0.000998	0.000998
TPH by SW8015 Mod	***Extracted:***	10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 11:00		10.05.2020 12:00		10.05.2020 12:00	
	Analyzed:	10.05.2020 21:34		10.05.2020 21:56		10.05.2020 22:19		10.05.2020 22:41		10.05.2020 18:00		10.05.2020 18:39	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<49.9	49.9	<50.0	50.0	<250	250	<250	250	<49.9	49.9
Diesel Range Organics (DRO)		226	49.8	<49.9	49.9	232	50.0	4380	250	3340	250	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		74.8	49.8	<49.9	49.9	62.1	50.0	704	250	628	250	<49.9	49.9
Total TPH		300.8	49.8	<49.9	49.9	294.1	50	5084	250	3968	250	<49.9	49.9

BRL - Below Reporting Limit

Jessica Kramer

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Certificate of Analysis Summary 674253

TRC Solutions, Inc, Midland, TX

Project Name: HEP:Lovington Booster

Project Id: 392796
Contact: Cindy Crain
Project Location: Lovington, NM

Date Received in Lab: Fri 10.02.2020 17:06
Report Date: 10.13.2020 12:11
Project Manager: Jessica Kramer

Analysis Requested							
	Lab Id:	674253-043		674253-044			
	Field Id:	SW-13 @ 0.5'		SW-14 @ 0.5'			
	Depth:	0-5 ft		0-5 ft			
	Matrix:	SOIL		SOIL			
	Sampled:	10.02.2020 11:00		10.02.2020 11:10			
BTEX by SW 8260C SUB: T104704215-20-38	***Extracted:***	10.09.2020 17:00		10.09.2020 14:50			
	Analyzed:	10.10.2020 04:52		10.09.2020 19:59			
	Units/RL:	mg/kg	RL	mg/kg	RL		
Benzene		<0.00100	0.00100	<0.000998	0.000998		
Toluene		<0.00500	0.00500	<0.00499	0.00499		
Ethylbenzene		<0.00100	0.00100	<0.000998	0.000998		
m,p-Xylenes		<0.00200	0.00200	<0.00200	0.00200		
o-Xylene		<0.00100	0.00100	<0.000998	0.000998		
Total Xylenes		<0.001	0.001	<0.000998	0.000998		
Total BTEX		<0.001	0.001	<0.000998	0.000998		
TPH by SW8015 Mod	***Extracted:***	10.05.2020 12:00		10.05.2020 12:00			
	Analyzed:	10.05.2020 18:59		10.05.2020 19:18			
	Units/RL:	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0		
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0		
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0		
Total TPH		<50	50	<50	50		

BRL - Below Reporting Limit

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

Jessica Kramer

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Analytical Report 674253

for

TRC Solutions, Inc

Project Manager: Cindy Crain

HEP:Lovington Booster

392796

10.13.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

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

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

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)

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10.13.2020

Project Manager: **Cindy Crain**
TRC Solutions, Inc
2057 Commerce
Midland, TX 79703

Reference: Eurofins Xenco, LLC Report No(s): **674253**
HEP:Lovington Booster
Project Address: Lovington, NM

Cindy Crain:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 674253. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 674253 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Jessica Kramer

Jessica Kramer
Project Manager

A Small Business and Minority Company

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

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Sample Cross Reference 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SW-1 @ 1.5'	S	10.01.2020 08:00	1.5 ft	674253-001
SW-2 @ 1.5'	S	10.01.2020 08:10	1.5 ft	674253-002
SW-3 @ 1.5'	S	10.01.2020 08:20	1.5 ft	674253-003
SW-4 @ 1.5'	S	10.01.2020 08:30	1.5 ft	674253-004
SW-5 @ 0.5'	S	10.01.2020 08:40	0.5 ft	674253-005
SW-6 @ 0.5'	S	10.01.2020 08:50	0.5 ft	674253-006
SS-1 @ 3'	S	10.01.2020 09:00	3 ft	674253-007
SS-2 @ 3'	S	10.01.2020 09:10	3 ft	674253-008
SS-3 @ 3'	S	10.01.2020 09:20	3 ft	674253-009
SS-4 @ 3'	S	10.01.2020 09:30	3 ft	674253-010
SS-5 @ 3'	S	10.01.2020 09:40	3 ft	674253-011
SS-6 @ 3'	S	10.01.2020 09:50	3 ft	674253-012
SS-7 @ 3'	S	10.01.2020 10:00	3 ft	674253-013
SS-8 @ 3'	S	10.01.2020 10:10	3 ft	674253-014
SS-9 @ 3'	S	10.01.2020 10:20	3 ft	674253-015
SS-10 @ 3'	S	10.01.2020 10:30	3 ft	674253-016
SS-11 @ 1'	S	10.01.2020 10:40	1 ft	674253-017
SS-12 @ 1'	S	10.01.2020 10:50	1 ft	674253-018
SS-13 @ 1'	S	10.01.2020 11:00	1 ft	674253-019
SS-14 @ 1'	S	10.02.2020 08:00	1 ft	674253-020
Duplicate-1	S	10.01.2020 00:00	ft	674253-021
SS-15 @ 1'	S	10.02.2020 08:10	1 ft	674253-022
SS-16 @ 1'	S	10.02.2020 08:20	1 ft	674253-023
SS-17 @ 1'	S	10.02.2020 08:30	1 ft	674253-024
SS-18 @ 1'	S	10.02.2020 08:40	1 ft	674253-025
SS-19 @ 1'	S	10.02.2020 08:50	1 ft	674253-026
SS-20 @ 1'	S	10.02.2020 09:00	1 ft	674253-027
SSS-21 @ 1'	S	10.02.2020 09:10	1 ft	674253-028
SS-22 @ 1'	S	10.02.2020 09:20	1 ft	674253-029
SS-23 @ 1'	S	10.02.2020 08:00	1 ft	674253-030
SS-24 @ 1'	S	10.02.2020 11:30	1 ft	674253-031
SS-25 @ 1'	S	10.02.2020 11:40	1 ft	674253-032
SS-26 @ 1'	S	10.02.2020 09:30	1 ft	674253-033
SS-27 @ 1'	S	10.02.2020 09:40	1 ft	674253-034
SS-28 @ 1'	S	10.02.2020 09:50	1 ft	674253-035
Duplicate-2	S	10.02.2020 00:00	ft	674253-036
SW-7 @ 0.5'	S	10.02.2020 10:00	0 - 5 ft	674253-037
SW-8 @ 0.5'	S	10.02.2020 10:10	0 - 5 ft	674253-038
SW-9 @ 0.5'	S	10.02.2020 10:20	0 - 5 ft	674253-039
SW-10 @ 0.5'	S	10.02.2020 10:30	0 - 5 ft	674253-040
SW-11 @ 0.5'	S	10.02.2020 10:40	0 - 5 ft	674253-041
SW-12 @ 0.5'	S	10.02.2020 10:50	0 - 5 ft	674253-042
SW-13 @ 0.5'	S	10.02.2020 11:00	0 - 5 ft	674253-043

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Sample Cross Reference 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

SW-14 @ 0.5'	S	10.02.2020 11:10	0 - 5 ft	674253-044

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CASE NARRATIVE

Client Name: TRC Solutions, Inc

Project Name: HEP:Lovington Booster

Project ID: *392796*
Work Order Number(s): *674253*

Report Date: *10.13.2020*
Date Received: *10.02.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3138965 TPH by SW8015 Mod

Surrogate o-Terphenyl recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 674253-041.

Batch: LBA-3139446 BTEX by SW 8260C

Lab Sample ID 674253-033 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 674253-033, -034, -035, -036, -037, -038, -039, -040, -043.
The Laboratory Control Sample for Toluene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SW-1 @ 1.5'**
Lab Sample Id: 674253-001
Matrix: Soil
Date Collected: 10.01.2020 08:00
Date Received:10.02.2020 17:06
Sample Depth: 1.5 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138967
Date Prep: 10.05.2020 11:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 14:29	U	1
Diesel Range Organics (DRO)	C10C28DRO	**637**	50.0	mg/kg	10.05.2020 14:29		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**164**	50.0	mg/kg	10.05.2020 14:29		1
Total TPH	PHC635	**801**	50	mg/kg	10.05.2020 14:29		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	10.05.2020 14:29	
o-Terphenyl	84-15-1	123	%	70-130	10.05.2020 14:29	

Analytical Method: BTEX by SW 8260C
Tech: NGA
Analyst: SAD
Seq Number: 3139473
Date Prep: 10.08.2020 16:30
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000998	0.000998	mg/kg	10.09.2020 16:47	U	1
Toluene	108-88-3	<0.00499	0.00499	mg/kg	10.09.2020 16:47	U	1
Ethylbenzene	100-41-4	<0.000998	0.000998	mg/kg	10.09.2020 16:47	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.09.2020 16:47	U	1
o-Xylene	95-47-6	<0.000998	0.000998	mg/kg	10.09.2020 16:47	U	1
Total Xylenes	1330-20-7	<0.000998	0.000998	mg/kg	10.09.2020 16:47	U	1
Total BTEX		<0.000998	0.000998	mg/kg	10.09.2020 16:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	103	%	53-142	10.09.2020 02:50	
1,2-Dichloroethane-D4	17060-07-0	94	%	53-150	10.09.2020 02:50	
Toluene-D8	2037-26-5	93	%	70-130	10.09.2020 02:50	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SW-2 @ 1.5'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-002 Date Collected: 10.01.2020 08:10 Sample Depth: 1.5 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138967 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 15:36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.05.2020 15:36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.05.2020 15:36	U	1
Total TPH	PHC635	<50	50	mg/kg	10.05.2020 15:36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	10.05.2020 15:36	
o-Terphenyl	84-15-1	101	%	70-130	10.05.2020 15:36	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: SAD
Analyst: SAD Date Prep: 10.09.2020 16:25 % Moisture:
Seq Number: 3139325 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	10.09.2020 17:07	U	1
Toluene	108-88-3	<0.00497	0.00497	mg/kg	10.09.2020 17:07	U	1
Ethylbenzene	100-41-4	**0.00119**	0.000994	mg/kg	10.09.2020 17:07		1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	10.09.2020 17:07	U	1
o-Xylene	95-47-6	<0.000994	0.000994	mg/kg	10.09.2020 17:07	U	1
Total Xylenes	1330-20-7	<0.000994	0.000994	mg/kg	10.09.2020 17:07	U	1
Total BTEX		**0.00119**	0.000994	mg/kg	10.09.2020 17:07		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	111	%	53-142	10.09.2020 17:07	
1,2-Dichloroethane-D4	17060-07-0	105	%	53-150	10.09.2020 17:07	
Toluene-D8	2037-26-5	97	%	70-130	10.09.2020 17:07	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SW-3 @ 1.5'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-003 Date Collected: 10.01.2020 08:20 Sample Depth: 1.5 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138967 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 15:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	**51.8**	50.0	mg/kg	10.05.2020 15:58		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.05.2020 15:58	U	1
Total TPH	PHC635	**51.8**	50	mg/kg	10.05.2020 15:58		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	10.05.2020 15:58	
o-Terphenyl	84-15-1	102	%	70-130	10.05.2020 15:58	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NGA
Analyst: SAD Date Prep: 10.08.2020 16:30 % Moisture:
Seq Number: 3139473 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000990	0.000990	mg/kg	10.09.2020 03:32	U	1
Toluene	108-88-3	<0.00495	0.00495	mg/kg	10.09.2020 03:32	U	1
Ethylbenzene	100-41-4	<0.000990	0.000990	mg/kg	10.09.2020 03:32	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	10.09.2020 03:32	U	1
o-Xylene	95-47-6	<0.000990	0.000990	mg/kg	10.09.2020 03:32	U	1
Total Xylenes	1330-20-7	<0.00099	0.00099	mg/kg	10.09.2020 03:32	U	1
Total BTEX		<0.00099	0.00099	mg/kg	10.09.2020 03:32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	111	%	53-142	10.09.2020 03:32	
1,2-Dichloroethane-D4	17060-07-0	113	%	53-150	10.09.2020 03:32	
Toluene-D8	2037-26-5	104	%	70-130	10.09.2020 03:32	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SW-4 @ 1.5'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-004 Date Collected: 10.01.2020 08:30 Sample Depth: 1.5 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138967 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.05.2020 16:20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.05.2020 16:20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.05.2020 16:20	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.05.2020 16:20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-130	10.05.2020 16:20	
o-Terphenyl	84-15-1	105	%	70-130	10.05.2020 16:20	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NGA
Analyst: SAD Date Prep: 10.08.2020 16:30 % Moisture:
Seq Number: 3139473 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000992	0.000992	mg/kg	10.09.2020 03:53	U	1
Toluene	108-88-3	<0.00496	0.00496	mg/kg	10.09.2020 03:53	U	1
Ethylbenzene	100-41-4	<0.000992	0.000992	mg/kg	10.09.2020 03:53	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	10.09.2020 03:53	U	1
o-Xylene	95-47-6	<0.000992	0.000992	mg/kg	10.09.2020 03:53	U	1
Total Xylenes	1330-20-7	<0.000992	0.000992	mg/kg	10.09.2020 03:53	U	1
Total BTEX		<0.000992	0.000992	mg/kg	10.09.2020 03:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	101	%	53-142	10.09.2020 03:53	
1,2-Dichloroethane-D4	17060-07-0	99	%	53-150	10.09.2020 03:53	
Toluene-D8	2037-26-5	104	%	70-130	10.09.2020 03:53	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SW-5 @ 0.5'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-005 Date Collected: 10.01.2020 08:40 Sample Depth: 0.5 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138967 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.05.2020 16:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	**71.9**	49.8	mg/kg	10.05.2020 16:43		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.05.2020 16:43	U	1
Total TPH	PHC635	**71.9**	49.8	mg/kg	10.05.2020 16:43		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	10.05.2020 16:43	
o-Terphenyl	84-15-1	108	%	70-130	10.05.2020 16:43	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NGA
Analyst: SAD Date Prep: 10.08.2020 16:30 % Moisture:
Seq Number: 3139473 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000996	0.000996	mg/kg	10.09.2020 04:14	U	1
Toluene	108-88-3	<0.00498	0.00498	mg/kg	10.09.2020 04:14	U	1
Ethylbenzene	100-41-4	<0.000996	0.000996	mg/kg	10.09.2020 04:14	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	10.09.2020 04:14	U	1
o-Xylene	95-47-6	<0.000996	0.000996	mg/kg	10.09.2020 04:14	U	1
Total Xylenes	1330-20-7	<0.000996	0.000996	mg/kg	10.09.2020 04:14	U	1
Total BTEX		<0.000996	0.000996	mg/kg	10.09.2020 04:14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	110	%	53-142	10.09.2020 04:14	
1,2-Dichloroethane-D4	17060-07-0	105	%	53-150	10.09.2020 04:14	
Toluene-D8	2037-26-5	101	%	70-130	10.09.2020 04:14	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SW-6 @ 0.5'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-006 Date Collected: 10.01.2020 08:50 Sample Depth: 0.5 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138967 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 17:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	**64.5**	50.0	mg/kg	10.05.2020 17:05		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.05.2020 17:05	U	1
Total TPH	PHC635	**64.5**	50	mg/kg	10.05.2020 17:05		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	10.05.2020 17:05	
o-Terphenyl	84-15-1	104	%	70-130	10.05.2020 17:05	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NGA
Analyst: SAD Date Prep: 10.08.2020 16:30 % Moisture:
Seq Number: 3139473 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000990	0.000990	mg/kg	10.09.2020 04:35	U	1
Toluene	108-88-3	<0.00495	0.00495	mg/kg	10.09.2020 04:35	U	1
Ethylbenzene	100-41-4	<0.000990	0.000990	mg/kg	10.09.2020 04:35	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	10.09.2020 04:35	U	1
o-Xylene	95-47-6	<0.000990	0.000990	mg/kg	10.09.2020 04:35	U	1
Total Xylenes	1330-20-7	<0.00099	0.00099	mg/kg	10.09.2020 04:35	U	1
Total BTEX		<0.00099	0.00099	mg/kg	10.09.2020 04:35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	107	%	53-142	10.09.2020 04:35	
1,2-Dichloroethane-D4	17060-07-0	105	%	53-150	10.09.2020 04:35	
Toluene-D8	2037-26-5	103	%	70-130	10.09.2020 04:35	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-1 @ 3'**	Matrix:	Soil	Date Received:	10.02.2020 17:06
Lab Sample Id:	674253-007	Date Collected:	10.01.2020 09:00	Sample Depth:	3 ft

Analytical Method: TPH by SW8015 Mod
Prep Method: SW8015P
Tech: DVM
Analyst: ARM
Date Prep: 10.05.2020 11:00
% Moisture:
Basis: Wet Weight
Seq Number: 3138967

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.05.2020 17:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	**64.5**	49.9	mg/kg	10.05.2020 17:27		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.05.2020 17:27	U	1
Total TPH	PHC635	**64.5**	49.9	mg/kg	10.05.2020 17:27		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	10.05.2020 17:27	
o-Terphenyl	84-15-1	102	%	70-130	10.05.2020 17:27	

Analytical Method: BTEX by SW 8260C
Prep Method: SW5035A
Tech: SAD
Analyst: SAD
Date Prep: 10.09.2020 16:25
% Moisture:
Basis: Wet Weight
Seq Number: 3139325
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	10.09.2020 17:27	U	1
Toluene	108-88-3	<0.00500	0.00500	mg/kg	10.09.2020 17:27	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	10.09.2020 17:27	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.09.2020 17:27	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	10.09.2020 17:27	U	1
Total Xylenes	1330-20-7	<0.001	0.001	mg/kg	10.09.2020 17:27	U	1
Total BTEX		<0.001	0.001	mg/kg	10.09.2020 17:27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	109	%	53-142	10.09.2020 17:27	
1,2-Dichloroethane-D4	17060-07-0	104	%	53-150	10.09.2020 17:27	
Toluene-D8	2037-26-5	97	%	70-130	10.09.2020 17:27	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-2 @ 3'**
Lab Sample Id: 674253-008
Matrix: Soil
Date Collected: 10.01.2020 09:10
Date Received:10.02.2020 17:06
Sample Depth: 3 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138967
Date Prep: 10.05.2020 11:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 17:50	U	1
Diesel Range Organics (DRO)	C10C28DRO	**634**	50.0	mg/kg	10.05.2020 17:50		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**110**	50.0	mg/kg	10.05.2020 17:50		1
Total TPH	PHC635	**744**	50	mg/kg	10.05.2020 17:50		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	10.05.2020 17:50	
o-Terphenyl	84-15-1	118	%	70-130	10.05.2020 17:50	

Analytical Method: BTEX by SW 8260C
Tech: SAD
Analyst: SAD
Seq Number: 3139325
Date Prep: 10.09.2020 16:25
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	10.09.2020 17:47	U	1
Toluene	108-88-3	<0.00497	0.00497	mg/kg	10.09.2020 17:47	U	1
Ethylbenzene	100-41-4	<0.000994	0.000994	mg/kg	10.09.2020 17:47	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	10.09.2020 17:47	U	1
o-Xylene	95-47-6	<0.000994	0.000994	mg/kg	10.09.2020 17:47	U	1
Total Xylenes	1330-20-7	<0.000994	0.000994	mg/kg	10.09.2020 17:47	U	1
Total BTEX		<0.000994	0.000994	mg/kg	10.09.2020 17:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	111	%	53-142	10.09.2020 17:47	
1,2-Dichloroethane-D4	17060-07-0	105	%	53-150	10.09.2020 17:47	
Toluene-D8	2037-26-5	97	%	70-130	10.09.2020 17:47	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-3 @ 3'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-009 Date Collected: 10.01.2020 09:20 Sample Depth: 3 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138967 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 18:12	U	1
Diesel Range Organics (DRO)	C10C28DRO	**446**	50.0	mg/kg	10.05.2020 18:12		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**83.6**	50.0	mg/kg	10.05.2020 18:12		1
Total TPH	PHC635	**529.6**	50	mg/kg	10.05.2020 18:12		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	10.05.2020 18:12	
o-Terphenyl	84-15-1	116	%	70-130	10.05.2020 18:12	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: SAD
Analyst: SAD Date Prep: 10.09.2020 16:25 % Moisture:
Seq Number: 3139325 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000998	0.000998	mg/kg	10.09.2020 18:07	U	1
Toluene	108-88-3	<0.00499	0.00499	mg/kg	10.09.2020 18:07	U	1
Ethylbenzene	100-41-4	<0.000998	0.000998	mg/kg	10.09.2020 18:07	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.09.2020 18:07	U	1
o-Xylene	95-47-6	<0.000998	0.000998	mg/kg	10.09.2020 18:07	U	1
Total Xylenes	1330-20-7	<0.000998	0.000998	mg/kg	10.09.2020 18:07	U	1
Total BTEX		<0.000998	0.000998	mg/kg	10.09.2020 18:07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	109	%	53-142	10.09.2020 18:07	
1,2-Dichloroethane-D4	17060-07-0	104	%	53-150	10.09.2020 18:07	
Toluene-D8	2037-26-5	98	%	70-130	10.09.2020 18:07	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-4 @ 3'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-010 Date Collected: 10.01.2020 09:30 Sample Depth: 3 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138967 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.05.2020 18:35	U	1
Diesel Range Organics (DRO)	C10C28DRO	**551**	49.9	mg/kg	10.05.2020 18:35		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**86.3**	49.9	mg/kg	10.05.2020 18:35		1
Total TPH	PHC635	**637.3**	49.9	mg/kg	10.05.2020 18:35		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	108	%	70-130	10.05.2020 18:35	
o-Terphenyl	84-15-1	111	%	70-130	10.05.2020 18:35	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NGA
Analyst: SAD Date Prep: 10.08.2020 16:30 % Moisture:
Seq Number: 3139473 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000996	0.000996	mg/kg	10.09.2020 05:58	U	1
Toluene	108-88-3	<0.00498	0.00498	mg/kg	10.09.2020 05:58	U	1
Ethylbenzene	100-41-4	<0.000996	0.000996	mg/kg	10.09.2020 05:58	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	10.09.2020 05:58	U	1
o-Xylene	95-47-6	<0.000996	0.000996	mg/kg	10.09.2020 05:58	U	1
Total Xylenes	1330-20-7	<0.000996	0.000996	mg/kg	10.09.2020 05:58	U	1
Total BTEX		<0.000996	0.000996	mg/kg	10.09.2020 05:58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	103	%	53-142	10.09.2020 05:58	
1,2-Dichloroethane-D4	17060-07-0	102	%	53-150	10.09.2020 05:58	
Toluene-D8	2037-26-5	103	%	70-130	10.09.2020 05:58	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-5 @ 3'**	Matrix:	Soil	Date Received:	10.02.2020 17:06
Lab Sample Id:	674253-011	Date Collected:	10.01.2020 09:40	Sample Depth:	3 ft

Analytical Method: TPH by SW8015 Mod
Prep Method: SW8015P
Tech: DVM
Analyst: ARM
Seq Number: 3138967
Date Prep: 10.05.2020 11:00
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.05.2020 19:20	U	1
Diesel Range Organics (DRO)	C10C28DRO	**920**	49.8	mg/kg	10.05.2020 19:20		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**141**	49.8	mg/kg	10.05.2020 19:20		1
Total TPH	PHC635	**1061**	49.8	mg/kg	10.05.2020 19:20		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	10.05.2020 19:20	
o-Terphenyl	84-15-1	123	%	70-130	10.05.2020 19:20	

Analytical Method: BTEX by SW 8260C
Prep Method: SW5035A
Tech: SAD
Analyst: SAD
Seq Number: 3139325
Date Prep: 10.09.2020 16:25
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000992	0.000992	mg/kg	10.09.2020 18:27	U	1
Toluene	108-88-3	<0.00496	0.00496	mg/kg	10.09.2020 18:27	U	1
Ethylbenzene	100-41-4	<0.000992	0.000992	mg/kg	10.09.2020 18:27	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	10.09.2020 18:27	U	1
o-Xylene	95-47-6	<0.000992	0.000992	mg/kg	10.09.2020 18:27	U	1
Total Xylenes	1330-20-7	<0.000992	0.000992	mg/kg	10.09.2020 18:27	U	1
Total BTEX		<0.000992	0.000992	mg/kg	10.09.2020 18:27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	53-142	10.09.2020 18:27	
1,2-Dichloroethane-D4	17060-07-0	104	%	53-150	10.09.2020 18:27	
Toluene-D8	2037-26-5	98	%	70-130	10.09.2020 18:27	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-6 @ 3'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-012 Date Collected: 10.01.2020 09:50 Sample Depth: 3 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138967 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 19:42	U	1
Diesel Range Organics (DRO)	C10C28DRO	**1440**	50.0	mg/kg	10.05.2020 19:42		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**228**	50.0	mg/kg	10.05.2020 19:42		1
Total TPH	PHC635	**1668**	50	mg/kg	10.05.2020 19:42		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	10.05.2020 19:42	
o-Terphenyl	84-15-1	110	%	70-130	10.05.2020 19:42	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: SAD
Analyst: SAD Date Prep: 10.09.2020 16:25 % Moisture:
Seq Number: 3139325 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	10.09.2020 18:46	U	1
Toluene	108-88-3	<0.00497	0.00497	mg/kg	10.09.2020 18:46	U	1
Ethylbenzene	100-41-4	<0.000994	0.000994	mg/kg	10.09.2020 18:46	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	10.09.2020 18:46	U	1
o-Xylene	95-47-6	<0.000994	0.000994	mg/kg	10.09.2020 18:46	U	1
Total Xylenes	1330-20-7	<0.000994	0.000994	mg/kg	10.09.2020 18:46	U	1
Total BTEX		<0.000994	0.000994	mg/kg	10.09.2020 18:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	112	%	53-142	10.09.2020 18:46	
1,2-Dichloroethane-D4	17060-07-0	108	%	53-150	10.09.2020 18:46	
Toluene-D8	2037-26-5	99	%	70-130	10.09.2020 18:46	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-7 @ 3'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-013 Date Collected: 10.01.2020 10:00 Sample Depth: 3 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138967 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 20:04	U	1
Diesel Range Organics (DRO)	C10C28DRO	**88.4**	50.0	mg/kg	10.05.2020 20:04		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.05.2020 20:04	U	1
Total TPH	PHC635	**88.4**	50	mg/kg	10.05.2020 20:04		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	106	%	70-130	10.05.2020 20:04	
o-Terphenyl	84-15-1	107	%	70-130	10.05.2020 20:04	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NGA
Analyst: SAD Date Prep: 10.08.2020 16:30 % Moisture:
Seq Number: 3139473 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000998	0.000998	mg/kg	10.09.2020 07:00	U	1
Toluene	108-88-3	<0.00499	0.00499	mg/kg	10.09.2020 07:00	U	1
Ethylbenzene	100-41-4	<0.000998	0.000998	mg/kg	10.09.2020 07:00	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.09.2020 07:00	U	1
o-Xylene	95-47-6	<0.000998	0.000998	mg/kg	10.09.2020 07:00	U	1
Total Xylenes	1330-20-7	<0.000998	0.000998	mg/kg	10.09.2020 07:00	U	1
Total BTEX		<0.000998	0.000998	mg/kg	10.09.2020 07:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	103	%	53-142	10.09.2020 07:00	
1,2-Dichloroethane-D4	17060-07-0	101	%	53-150	10.09.2020 07:00	
Toluene-D8	2037-26-5	99	%	70-130	10.09.2020 07:00	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-8 @ 3'**
Lab Sample Id: 674253-014
Matrix: Soil
Date Collected: 10.01.2020 10:10
Date Received:10.02.2020 17:06
Sample Depth: 3 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138967
Date Prep: 10.05.2020 11:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.05.2020 20:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	**298**	49.9	mg/kg	10.05.2020 20:27		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**55.7**	49.9	mg/kg	10.05.2020 20:27		1
Total TPH	PHC635	**353.7**	49.9	mg/kg	10.05.2020 20:27		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	10.05.2020 20:27	
o-Terphenyl	84-15-1	108	%	70-130	10.05.2020 20:27	

Analytical Method: BTEX by SW 8260C
Tech: NGA
Analyst: SAD
Seq Number: 3139473
Date Prep: 10.08.2020 16:30
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	10.09.2020 07:21	U	1
Toluene	108-88-3	<0.00500	0.00500	mg/kg	10.09.2020 07:21	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	10.09.2020 07:21	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.09.2020 07:21	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	10.09.2020 07:21	U	1
Total Xylenes	1330-20-7	<0.001	0.001	mg/kg	10.09.2020 07:21	U	1
Total BTEX		<0.001	0.001	mg/kg	10.09.2020 07:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	99	%	53-142	10.09.2020 07:21	
1,2-Dichloroethane-D4	17060-07-0	102	%	53-150	10.09.2020 07:21	
Toluene-D8	2037-26-5	99	%	70-130	10.09.2020 07:21	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-9 @ 3'**
Lab Sample Id: 674253-015
Matrix: Soil
Date Collected: 10.01.2020 10:20
Date Received:10.02.2020 17:06
Sample Depth: 3 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138967
Date Prep: 10.05.2020 11:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.05.2020 20:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	**2150**	49.8	mg/kg	10.05.2020 20:49		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**308**	49.8	mg/kg	10.05.2020 20:49		1
Total TPH	PHC635	**2458**	49.8	mg/kg	10.05.2020 20:49		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	10.05.2020 20:49	
o-Terphenyl	84-15-1	104	%	70-130	10.05.2020 20:49	

Analytical Method: BTEX by SW 8260C
Tech: SAD
Analyst: SAD
Seq Number: 3139325
Date Prep: 10.09.2020 16:25
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	10.09.2020 19:06	U	1
Toluene	108-88-3	<0.00497	0.00497	mg/kg	10.09.2020 19:06	U	1
Ethylbenzene	100-41-4	<0.000994	0.000994	mg/kg	10.09.2020 19:06	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	10.09.2020 19:06	U	1
o-Xylene	95-47-6	<0.000994	0.000994	mg/kg	10.09.2020 19:06	U	1
Total Xylenes	1330-20-7	<0.000994	0.000994	mg/kg	10.09.2020 19:06	U	1
Total BTEX		<0.000994	0.000994	mg/kg	10.09.2020 19:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	110	%	53-142	10.09.2020 19:06	
1,2-Dichloroethane-D4	17060-07-0	102	%	53-150	10.09.2020 19:06	
Toluene-D8	2037-26-5	100	%	70-130	10.09.2020 19:06	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-10 @ 3'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-016 Date Collected: 10.01.2020 10:30 Sample Depth: 3 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138967 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<250	250	mg/kg	10.05.2020 21:11	U	5
Diesel Range Organics (DRO)	C10C28DRO	**3770**	250	mg/kg	10.05.2020 21:11		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**645**	250	mg/kg	10.05.2020 21:11		5
Total TPH	PHC635	**4415**	250	mg/kg	10.05.2020 21:11		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	10.05.2020 21:11	
o-Terphenyl	84-15-1	103	%	70-130	10.05.2020 21:11	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: SAD
Analyst: SAD Date Prep: 10.09.2020 16:25 % Moisture:
Seq Number: 3139325 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000990	0.000990	mg/kg	10.09.2020 19:26	U	1
Toluene	108-88-3	<0.00495	0.00495	mg/kg	10.09.2020 19:26	U	1
Ethylbenzene	100-41-4	<0.000990	0.000990	mg/kg	10.09.2020 19:26	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	10.09.2020 19:26	U	1
o-Xylene	95-47-6	<0.000990	0.000990	mg/kg	10.09.2020 19:26	U	1
Total Xylenes	1330-20-7	<0.00099	0.00099	mg/kg	10.09.2020 19:26	U	1
Total BTEX		<0.00099	0.00099	mg/kg	10.09.2020 19:26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	111	%	53-142	10.09.2020 19:26	
1,2-Dichloroethane-D4	17060-07-0	104	%	53-150	10.09.2020 19:26	
Toluene-D8	2037-26-5	100	%	70-130	10.09.2020 19:26	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-11 @ 1'**
Lab Sample Id: 674253-017
Matrix: Soil
Date Collected: 10.01.2020 10:40
Date Received:10.02.2020 17:06
Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138967
Date Prep: 10.05.2020 11:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 21:34	U	1
Diesel Range Organics (DRO)	C10C28DRO	**317**	50.0	mg/kg	10.05.2020 21:34		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**57.3**	50.0	mg/kg	10.05.2020 21:34		1
Total TPH	PHC635	**374.3**	50	mg/kg	10.05.2020 21:34		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	10.05.2020 21:34	
o-Terphenyl	84-15-1	109	%	70-130	10.05.2020 21:34	

Analytical Method: BTEX by SW 8260C
Tech: NGA
Analyst: SAD
Seq Number: 3139473
Date Prep: 10.08.2020 16:30
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	10.09.2020 08:23	U	1
Toluene	108-88-3	<0.00501	0.00501	mg/kg	10.09.2020 08:23	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	10.09.2020 08:23	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.09.2020 08:23	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	10.09.2020 08:23	U	1
Total Xylenes	1330-20-7	<0.001	0.001	mg/kg	10.09.2020 08:23	U	1
Total BTEX		<0.001	0.001	mg/kg	10.09.2020 08:23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	111	%	53-142	10.09.2020 08:23	
1,2-Dichloroethane-D4	17060-07-0	106	%	53-150	10.09.2020 08:23	
Toluene-D8	2037-26-5	105	%	70-130	10.09.2020 08:23	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-12 @ 1'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-018 Date Collected: 10.01.2020 10:50 Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138967 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.05.2020 21:56	U	1
Diesel Range Organics (DRO)	C10C28DRO	**64.0**	49.9	mg/kg	10.05.2020 21:56		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.05.2020 21:56	U	1
Total TPH	PHC635	**64**	49.9	mg/kg	10.05.2020 21:56		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	10.05.2020 21:56	
o-Terphenyl	84-15-1	109	%	70-130	10.05.2020 21:56	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NGA
Analyst: SAD Date Prep: 10.08.2020 16:30 % Moisture:
Seq Number: 3139473 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	10.09.2020 08:44	U	1
Toluene	108-88-3	<0.00497	0.00497	mg/kg	10.09.2020 08:44	U	1
Ethylbenzene	100-41-4	<0.000994	0.000994	mg/kg	10.09.2020 08:44	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	10.09.2020 08:44	U	1
o-Xylene	95-47-6	<0.000994	0.000994	mg/kg	10.09.2020 08:44	U	1
Total Xylenes	1330-20-7	<0.000994	0.000994	mg/kg	10.09.2020 08:44	U	1
Total BTEX		<0.000994	0.000994	mg/kg	10.09.2020 08:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	94	%	53-142	10.09.2020 08:44	
1,2-Dichloroethane-D4	17060-07-0	97	%	53-150	10.09.2020 08:44	
Toluene-D8	2037-26-5	105	%	70-130	10.09.2020 08:44	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-13 @ 1'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-019 Date Collected: 10.01.2020 11:00 Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138967 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.05.2020 22:19	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.05.2020 22:19	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.05.2020 22:19	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.05.2020 22:19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	10.05.2020 22:19	
o-Terphenyl	84-15-1	106	%	70-130	10.05.2020 22:19	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NGA
Analyst: SAD Date Prep: 10.08.2020 16:30 % Moisture:
Seq Number: 3139473 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000998	0.000998	mg/kg	10.09.2020 09:05	U	1
Toluene	108-88-3	<0.00499	0.00499	mg/kg	10.09.2020 09:05	U	1
Ethylbenzene	100-41-4	<0.000998	0.000998	mg/kg	10.09.2020 09:05	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.09.2020 09:05	U	1
o-Xylene	95-47-6	<0.000998	0.000998	mg/kg	10.09.2020 09:05	U	1
Total Xylenes	1330-20-7	<0.000998	0.000998	mg/kg	10.09.2020 09:05	U	1
Total BTEX		<0.000998	0.000998	mg/kg	10.09.2020 09:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	111	%	53-142	10.09.2020 09:05	
1,2-Dichloroethane-D4	17060-07-0	101	%	53-150	10.09.2020 09:05	
Toluene-D8	2037-26-5	103	%	70-130	10.09.2020 09:05	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-14 @ 1'**	Matrix:	Soil	Date Received:	10.02.2020 17:06
Lab Sample Id:	674253-020	Date Collected:	10.02.2020 08:00	Sample Depth:	1 ft

Analytical Method: TPH by SW8015 Mod
Prep Method: SW8015P
Tech: DVM
Analyst: ARM
Seq Number: 3138967
Date Prep: 10.05.2020 11:00
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 22:41	U	1
Diesel Range Organics (DRO)	C10C28DRO	**66.2**	50.0	mg/kg	10.05.2020 22:41		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.05.2020 22:41	U	1
Total TPH	PHC635	**66.2**	50	mg/kg	10.05.2020 22:41		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	10.05.2020 22:41	
o-Terphenyl	84-15-1	109	%	70-130	10.05.2020 22:41	

Analytical Method: BTEX by SW 8260C
Prep Method: SW5035A
Tech: NGA
Analyst: SAD
Seq Number: 3139473
Date Prep: 10.08.2020 16:30
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	10.09.2020 09:26	U	1
Toluene	108-88-3	<0.00500	0.00500	mg/kg	10.09.2020 09:26	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	10.09.2020 09:26	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.09.2020 09:26	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	10.09.2020 09:26	U	1
Total Xylenes	1330-20-7	<0.001	0.001	mg/kg	10.09.2020 09:26	U	1
Total BTEX		<0.001	0.001	mg/kg	10.09.2020 09:26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	109	%	53-142	10.09.2020 09:26	
1,2-Dichloroethane-D4	17060-07-0	102	%	53-150	10.09.2020 09:26	
Toluene-D8	2037-26-5	110	%	70-130	10.09.2020 09:26	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **Duplicate-1** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-021 Date Collected: 10.01.2020 00:00

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138969 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 14:29	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.05.2020 14:29	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.05.2020 14:29	U	1
Total TPH	PHC635	<50	50	mg/kg	10.05.2020 14:29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	10.05.2020 14:29	
o-Terphenyl	84-15-1	99	%	70-130	10.05.2020 14:29	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NAL
Analyst: NAL Date Prep: 10.09.2020 13:00 % Moisture:
Seq Number: 3139302 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000990	0.000990	mg/kg	10.09.2020 13:57	U	1
Toluene	108-88-3	<0.00495	0.00495	mg/kg	10.09.2020 13:57	U	1
Ethylbenzene	100-41-4	<0.000990	0.000990	mg/kg	10.09.2020 13:57	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	10.09.2020 13:57	U	1
o-Xylene	95-47-6	<0.000990	0.000990	mg/kg	10.09.2020 13:57	U	1
Total Xylenes	1330-20-7	<0.00099	0.00099	mg/kg	10.09.2020 13:57	U	1
Total BTEX		<0.00099	0.00099	mg/kg	10.09.2020 13:57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	109	%	53-142	10.09.2020 13:57	
1,2-Dichloroethane-D4	17060-07-0	106	%	53-150	10.09.2020 13:57	
Toluene-D8	2037-26-5	108	%	70-130	10.09.2020 13:57	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-15 @ 1'**
Lab Sample Id: 674253-022
Matrix: Soil
Date Collected: 10.02.2020 08:10
Date Received:10.02.2020 17:06
Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138969
Date Prep: 10.05.2020 11:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.05.2020 15:36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	10.05.2020 15:36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	10.05.2020 15:36	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	10.05.2020 15:36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	10.05.2020 15:36	
o-Terphenyl	84-15-1	98	%	70-130	10.05.2020 15:36	

Analytical Method: BTEX by SW 8260C
Tech: NAL
Analyst: NAL
Seq Number: 3139302
Date Prep: 10.09.2020 13:00
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000992	0.000992	mg/kg	10.09.2020 14:38	U	1
Toluene	108-88-3	<0.00496	0.00496	mg/kg	10.09.2020 14:38	U	1
Ethylbenzene	100-41-4	<0.000992	0.000992	mg/kg	10.09.2020 14:38	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	10.09.2020 14:38	U	1
o-Xylene	95-47-6	<0.000992	0.000992	mg/kg	10.09.2020 14:38	U	1
Total Xylenes	1330-20-7	<0.000992	0.000992	mg/kg	10.09.2020 14:38	U	1
Total BTEX		<0.000992	0.000992	mg/kg	10.09.2020 14:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	99	%	53-142	10.09.2020 14:38	
1,2-Dichloroethane-D4	17060-07-0	105	%	53-150	10.09.2020 14:38	
Toluene-D8	2037-26-5	100	%	70-130	10.09.2020 14:38	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-16 @ 1'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-023 Date Collected: 10.02.2020 08:20 Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138969 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 15:58	U	1
Diesel Range Organics (DRO)	C10C28DRO	**131**	50.0	mg/kg	10.05.2020 15:58		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**64.6**	50.0	mg/kg	10.05.2020 15:58		1
Total TPH	PHC635	**195.6**	50	mg/kg	10.05.2020 15:58		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	10.05.2020 15:58	
o-Terphenyl	84-15-1	98	%	70-130	10.05.2020 15:58	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NAL
Analyst: NAL Date Prep: 10.09.2020 13:00 % Moisture:
Seq Number: 3139302 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000992	0.000992	mg/kg	10.09.2020 14:59	U	1
Toluene	108-88-3	<0.00496	0.00496	mg/kg	10.09.2020 14:59	U	1
Ethylbenzene	100-41-4	<0.000992	0.000992	mg/kg	10.09.2020 14:59	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	10.09.2020 14:59	U	1
o-Xylene	95-47-6	<0.000992	0.000992	mg/kg	10.09.2020 14:59	U	1
Total Xylenes	1330-20-7	<0.000992	0.000992	mg/kg	10.09.2020 14:59	U	1
Total BTEX		<0.000992	0.000992	mg/kg	10.09.2020 14:59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	112	%	53-142	10.09.2020 14:59	
1,2-Dichloroethane-D4	17060-07-0	108	%	53-150	10.09.2020 14:59	
Toluene-D8	2037-26-5	98	%	70-130	10.09.2020 14:59	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-17 @ 1'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-024 Date Collected: 10.02.2020 08:30 Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138969 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 16:20	U	1
Diesel Range Organics (DRO)	C10C28DRO	**159**	50.0	mg/kg	10.05.2020 16:20		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**88.4**	50.0	mg/kg	10.05.2020 16:20		1
Total TPH	PHC635	**247.4**	50	mg/kg	10.05.2020 16:20		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	10.05.2020 16:20	
o-Terphenyl	84-15-1	101	%	70-130	10.05.2020 16:20	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NAL
Analyst: NAL Date Prep: 10.09.2020 13:00 % Moisture:
Seq Number: 3139302 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	10.09.2020 15:21	U	1
Toluene	108-88-3	<0.00500	0.00500	mg/kg	10.09.2020 15:21	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	10.09.2020 15:21	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.09.2020 15:21	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	10.09.2020 15:21	U	1
Total Xylenes	1330-20-7	<0.001	0.001	mg/kg	10.09.2020 15:21	U	1
Total BTEX		<0.001	0.001	mg/kg	10.09.2020 15:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	113	%	53-142	10.09.2020 15:21	
1,2-Dichloroethane-D4	17060-07-0	110	%	53-150	10.09.2020 15:21	
Toluene-D8	2037-26-5	105	%	70-130	10.09.2020 15:21	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-18 @ 1'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-025 Date Collected: 10.02.2020 08:40 Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138969 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.05.2020 16:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	**729**	49.9	mg/kg	10.05.2020 16:43		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**140**	49.9	mg/kg	10.05.2020 16:43		1
Total TPH	PHC635	**869**	49.9	mg/kg	10.05.2020 16:43		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	10.05.2020 16:43	
o-Terphenyl	84-15-1	117	%	70-130	10.05.2020 16:43	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NAL
Analyst: NAL Date Prep: 10.09.2020 13:00 % Moisture:
Seq Number: 3139302 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000992	0.000992	mg/kg	10.09.2020 15:41	U	1
Toluene	108-88-3	<0.00496	0.00496	mg/kg	10.09.2020 15:41	U	1
Ethylbenzene	100-41-4	<0.000992	0.000992	mg/kg	10.09.2020 15:41	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	10.09.2020 15:41	U	1
o-Xylene	95-47-6	<0.000992	0.000992	mg/kg	10.09.2020 15:41	U	1
Total Xylenes	1330-20-7	<0.000992	0.000992	mg/kg	10.09.2020 15:41	U	1
Total BTEX		<0.000992	0.000992	mg/kg	10.09.2020 15:41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	102	%	53-142	10.09.2020 15:41	
1,2-Dichloroethane-D4	17060-07-0	98	%	53-150	10.09.2020 15:41	
Toluene-D8	2037-26-5	111	%	70-130	10.09.2020 15:41	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-19 @ 1'**
Lab Sample Id: 674253-026
Matrix: Soil
Date Collected: 10.02.2020 08:50
Date Received:10.02.2020 17:06
Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138969
Date Prep: 10.05.2020 11:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 17:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.05.2020 17:05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.05.2020 17:05	U	1
Total TPH	PHC635	<50	50	mg/kg	10.05.2020 17:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	10.05.2020 17:05	
o-Terphenyl	84-15-1	101	%	70-130	10.05.2020 17:05	

Analytical Method: BTEX by SW 8260C
Tech: NAL
Analyst: NAL
Seq Number: 3139302
Date Prep: 10.09.2020 13:00
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000994	0.000994	mg/kg	10.09.2020 16:02	U	1
Toluene	108-88-3	<0.00497	0.00497	mg/kg	10.09.2020 16:02	U	1
Ethylbenzene	100-41-4	<0.000994	0.000994	mg/kg	10.09.2020 16:02	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	10.09.2020 16:02	U	1
o-Xylene	95-47-6	<0.000994	0.000994	mg/kg	10.09.2020 16:02	U	1
Total Xylenes	1330-20-7	<0.000994	0.000994	mg/kg	10.09.2020 16:02	U	1
Total BTEX		<0.000994	0.000994	mg/kg	10.09.2020 16:02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	107	%	53-142	10.09.2020 16:02	
1,2-Dichloroethane-D4	17060-07-0	109	%	53-150	10.09.2020 16:02	
Toluene-D8	2037-26-5	100	%	70-130	10.09.2020 16:02	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-20 @ 1'**	Matrix:	Soil	Date Received:	10.02.2020 17:06
Lab Sample Id:	674253-027	Date Collected:	10.02.2020 09:00	Sample Depth:	1 ft

Analytical Method: TPH by SW8015 Mod
Prep Method: SW8015P
Tech: DVM
Analyst: ARM
Date Prep: 10.05.2020 11:00
% Moisture:
Basis: Wet Weight
Seq Number: 3138969

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 17:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	**62.5**	50.0	mg/kg	10.05.2020 17:27		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.05.2020 17:27	U	1
Total TPH	PHC635	**62.5**	50	mg/kg	10.05.2020 17:27		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	10.05.2020 17:27	
o-Terphenyl	84-15-1	101	%	70-130	10.05.2020 17:27	

Analytical Method: BTEX by SW 8260C
Prep Method: SW5035A
Tech: NAL
Analyst: NAL
Date Prep: 10.09.2020 13:00
% Moisture:
Basis: Wet Weight
Seq Number: 3139302
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000998	0.000998	mg/kg	10.09.2020 16:24	U	1
Toluene	108-88-3	<0.00499	0.00499	mg/kg	10.09.2020 16:24	U	1
Ethylbenzene	100-41-4	<0.000998	0.000998	mg/kg	10.09.2020 16:24	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.09.2020 16:24	U	1
o-Xylene	95-47-6	<0.000998	0.000998	mg/kg	10.09.2020 16:24	U	1
Total Xylenes	1330-20-7	<0.000998	0.000998	mg/kg	10.09.2020 16:24	U	1
Total BTEX		<0.000998	0.000998	mg/kg	10.09.2020 16:24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	118	%	53-142	10.09.2020 16:24	
1,2-Dichloroethane-D4	17060-07-0	106	%	53-150	10.09.2020 16:24	
Toluene-D8	2037-26-5	99	%	70-130	10.09.2020 16:24	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SSS-21 @ 1'**
Lab Sample Id: 674253-028
Matrix: Soil
Date Collected: 10.02.2020 09:10
Date Received:10.02.2020 17:06
Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138969
Date Prep: 10.05.2020 11:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.05.2020 17:50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.05.2020 17:50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.05.2020 17:50	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.05.2020 17:50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	10.05.2020 17:50	
o-Terphenyl	84-15-1	107	%	70-130	10.05.2020 17:50	

Analytical Method: BTEX by SW 8260C
Tech: NAL
Analyst: NAL
Seq Number: 3139302
Date Prep: 10.09.2020 13:00
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000996	0.000996	mg/kg	10.09.2020 16:44	U	1
Toluene	108-88-3	<0.00498	0.00498	mg/kg	10.09.2020 16:44	U	1
Ethylbenzene	100-41-4	<0.000996	0.000996	mg/kg	10.09.2020 16:44	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	10.09.2020 16:44	U	1
o-Xylene	95-47-6	<0.000996	0.000996	mg/kg	10.09.2020 16:44	U	1
Total Xylenes	1330-20-7	<0.000996	0.000996	mg/kg	10.09.2020 16:44	U	1
Total BTEX		<0.000996	0.000996	mg/kg	10.09.2020 16:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	98	%	53-142	10.09.2020 16:44	
1,2-Dichloroethane-D4	17060-07-0	105	%	53-150	10.09.2020 16:44	
Toluene-D8	2037-26-5	101	%	70-130	10.09.2020 16:44	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-22 @ 1'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-029 Date Collected: 10.02.2020 09:20 Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138969 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 18:12	U	1
Diesel Range Organics (DRO)	C10C28DRO	**76.7**	50.0	mg/kg	10.05.2020 18:12		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.05.2020 18:12	U	1
Total TPH	PHC635	**76.7**	50	mg/kg	10.05.2020 18:12		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	97	%	70-130	10.05.2020 18:12	
o-Terphenyl	84-15-1	103	%	70-130	10.05.2020 18:12	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NAL
Analyst: NAL Date Prep: 10.09.2020 13:00 % Moisture:
Seq Number: 3139302 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000996	0.000996	mg/kg	10.09.2020 17:05	U	1
Toluene	108-88-3	<0.00498	0.00498	mg/kg	10.09.2020 17:05	U	1
Ethylbenzene	100-41-4	<0.000996	0.000996	mg/kg	10.09.2020 17:05	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	10.09.2020 17:05	U	1
o-Xylene	95-47-6	<0.000996	0.000996	mg/kg	10.09.2020 17:05	U	1
Total Xylenes	1330-20-7	<0.000996	0.000996	mg/kg	10.09.2020 17:05	U	1
Total BTEX		<0.000996	0.000996	mg/kg	10.09.2020 17:05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	109	%	53-142	10.09.2020 17:05	
1,2-Dichloroethane-D4	17060-07-0	115	%	53-150	10.09.2020 17:05	
Toluene-D8	2037-26-5	100	%	70-130	10.09.2020 17:05	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-23 @ 1'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-030 Date Collected: 10.02.2020 08:00 Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138969 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 18:35	U	1
Diesel Range Organics (DRO)	C10C28DRO	**319**	50.0	mg/kg	10.05.2020 18:35		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**52.3**	50.0	mg/kg	10.05.2020 18:35		1
Total TPH	PHC635	**371.3**	50	mg/kg	10.05.2020 18:35		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	10.05.2020 18:35	
o-Terphenyl	84-15-1	110	%	70-130	10.05.2020 18:35	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NAL
Analyst: NAL Date Prep: 10.09.2020 13:00 % Moisture:
Seq Number: 3139302 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	10.09.2020 17:26	U	1
Toluene	108-88-3	<0.00500	0.00500	mg/kg	10.09.2020 17:26	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	10.09.2020 17:26	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.09.2020 17:26	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	10.09.2020 17:26	U	1
Total Xylenes	1330-20-7	<0.001	0.001	mg/kg	10.09.2020 17:26	U	1
Total BTEX		<0.001	0.001	mg/kg	10.09.2020 17:26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	53-142	10.09.2020 17:26	
1,2-Dichloroethane-D4	17060-07-0	114	%	53-150	10.09.2020 17:26	
Toluene-D8	2037-26-5	101	%	70-130	10.09.2020 17:26	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-24 @ 1'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-031 Date Collected: 10.02.2020 11:30 Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138969 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.05.2020 19:20	U	1
Diesel Range Organics (DRO)	C10C28DRO	**58.4**	49.9	mg/kg	10.05.2020 19:20		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.05.2020 19:20	U	1
Total TPH	PHC635	**58.4**	49.9	mg/kg	10.05.2020 19:20		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	10.05.2020 19:20	
o-Terphenyl	84-15-1	100	%	70-130	10.05.2020 19:20	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NAL
Analyst: NAL Date Prep: 10.09.2020 13:00 % Moisture:
Seq Number: 3139302 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000998	0.000998	mg/kg	10.09.2020 17:47	U	1
Toluene	108-88-3	<0.00499	0.00499	mg/kg	10.09.2020 17:47	U	1
Ethylbenzene	100-41-4	<0.000998	0.000998	mg/kg	10.09.2020 17:47	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.09.2020 17:47	U	1
o-Xylene	95-47-6	<0.000998	0.000998	mg/kg	10.09.2020 17:47	U	1
Total Xylenes	1330-20-7	<0.000998	0.000998	mg/kg	10.09.2020 17:47	U	1
Total BTEX		<0.000998	0.000998	mg/kg	10.09.2020 17:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	97	%	53-142	10.09.2020 17:47	
1,2-Dichloroethane-D4	17060-07-0	114	%	53-150	10.09.2020 17:47	
Toluene-D8	2037-26-5	104	%	70-130	10.09.2020 17:47	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-25 @ 1'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-032 Date Collected: 10.02.2020 11:40 Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138969 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.05.2020 19:42	U	1
Diesel Range Organics (DRO)	C10C28DRO	**378**	49.8	mg/kg	10.05.2020 19:42		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**65.0**	49.8	mg/kg	10.05.2020 19:42		1
Total TPH	PHC635	**443**	49.8	mg/kg	10.05.2020 19:42		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	10.05.2020 19:42	
o-Terphenyl	84-15-1	110	%	70-130	10.05.2020 19:42	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NAL
Analyst: NAL Date Prep: 10.09.2020 13:00 % Moisture:
Seq Number: 3139302 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000996	0.000996	mg/kg	10.09.2020 18:07	U	1
Toluene	108-88-3	<0.00498	0.00498	mg/kg	10.09.2020 18:07	U	1
Ethylbenzene	100-41-4	<0.000996	0.000996	mg/kg	10.09.2020 18:07	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	10.09.2020 18:07	U	1
o-Xylene	95-47-6	<0.000996	0.000996	mg/kg	10.09.2020 18:07	U	1
Total Xylenes	1330-20-7	<0.000996	0.000996	mg/kg	10.09.2020 18:07	U	1
Total BTEX		<0.000996	0.000996	mg/kg	10.09.2020 18:07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	90	%	53-142	10.09.2020 18:07	
1,2-Dichloroethane-D4	17060-07-0	94	%	53-150	10.09.2020 18:07	
Toluene-D8	2037-26-5	103	%	70-130	10.09.2020 18:07	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-26 @ 1'**
Lab Sample Id: 674253-033
Matrix: Soil
Date Collected: 10.02.2020 09:30
Date Received:10.02.2020 17:06
Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138969
Date Prep: 10.05.2020 11:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 20:04	U	1
Diesel Range Organics (DRO)	C10C28DRO	**371**	50.0	mg/kg	10.05.2020 20:04		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**69.5**	50.0	mg/kg	10.05.2020 20:04		1
Total TPH	PHC635	**440.5**	50	mg/kg	10.05.2020 20:04		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	10.05.2020 20:04	
o-Terphenyl	84-15-1	112	%	70-130	10.05.2020 20:04	

Analytical Method: BTEX by SW 8260C
Tech: NAL
Analyst: NAL
Seq Number: 3139446
Date Prep: 10.09.2020 17:00
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	10.10.2020 01:47	U	1
Toluene	108-88-3	<0.00500	0.00500	mg/kg	10.10.2020 01:47	UX	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	10.10.2020 01:47	UX	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.10.2020 01:47	UX	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	10.10.2020 01:47	UX	1
Total Xylenes	1330-20-7	<0.001	0.001	mg/kg	10.10.2020 01:47	U	1
Total BTEX		<0.001	0.001	mg/kg	10.10.2020 01:47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	104	%	53-142	10.10.2020 01:47	
1,2-Dichloroethane-D4	17060-07-0	100	%	53-150	10.10.2020 01:47	
Toluene-D8	2037-26-5	95	%	70-130	10.10.2020 01:47	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-27 @ 1'**
Lab Sample Id: 674253-034
Matrix: Soil
Date Collected: 10.02.2020 09:40
Date Received:10.02.2020 17:06
Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138969
Date Prep: 10.05.2020 11:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**170**	49.9	mg/kg	10.05.2020 20:27		1
Diesel Range Organics (DRO)	C10C28DRO	**1420**	49.9	mg/kg	10.05.2020 20:27		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**190**	49.9	mg/kg	10.05.2020 20:27		1
Total TPH	PHC635	**1780**	49.9	mg/kg	10.05.2020 20:27		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	111	%	70-130	10.05.2020 20:27	
o-Terphenyl	84-15-1	109	%	70-130	10.05.2020 20:27	

Analytical Method: BTEX by SW 8260C
Tech: NAL
Analyst: NAL
Seq Number: 3139446
Date Prep: 10.09.2020 17:00
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	10.10.2020 02:10	U	1
Toluene	108-88-3	<0.00500	0.00500	mg/kg	10.10.2020 02:10	U	1
Ethylbenzene	100-41-4	**0.0160**	0.00100	mg/kg	10.10.2020 02:10		1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.10.2020 02:10	U	1
o-Xylene	95-47-6	**0.126**	0.00100	mg/kg	10.10.2020 02:10		1
Total Xylenes	1330-20-7	**0.126**	0.001	mg/kg	10.10.2020 02:10		1
Total BTEX		**0.142**	0.001	mg/kg	10.10.2020 02:10		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	100	%	53-142	10.10.2020 02:10	
1,2-Dichloroethane-D4	17060-07-0	100	%	53-150	10.10.2020 02:10	
Toluene-D8	2037-26-5	103	%	70-130	10.10.2020 02:10	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SS-28 @ 1'**
Lab Sample Id: 674253-035
Matrix: Soil
Date Collected: 10.02.2020 09:50
Date Received:10.02.2020 17:06
Sample Depth: 1 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138969
Date Prep: 10.05.2020 11:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 20:49	U	1
Diesel Range Organics (DRO)	C10C28DRO	**177**	50.0	mg/kg	10.05.2020 20:49		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.05.2020 20:49	U	1
Total TPH	PHC635	**177**	50	mg/kg	10.05.2020 20:49		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	10.05.2020 20:49	
o-Terphenyl	84-15-1	105	%	70-130	10.05.2020 20:49	

Analytical Method: BTEX by SW 8260C
Tech: NAL
Analyst: NAL
Seq Number: 3139446
Date Prep: 10.09.2020 17:00
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000990	0.000990	mg/kg	10.10.2020 02:33	U	1
Toluene	108-88-3	<0.00495	0.00495	mg/kg	10.10.2020 02:33	U	1
Ethylbenzene	100-41-4	<0.000990	0.000990	mg/kg	10.10.2020 02:33	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	10.10.2020 02:33	U	1
o-Xylene	95-47-6	<0.000990	0.000990	mg/kg	10.10.2020 02:33	U	1
Total Xylenes	1330-20-7	<0.00099	0.00099	mg/kg	10.10.2020 02:33	U	1
Total BTEX		<0.00099	0.00099	mg/kg	10.10.2020 02:33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	103	%	53-142	10.10.2020 02:33	
1,2-Dichloroethane-D4	17060-07-0	106	%	53-150	10.10.2020 02:33	
Toluene-D8	2037-26-5	87	%	70-130	10.10.2020 02:33	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **Duplicate-2** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-036 Date Collected: 10.02.2020 00:00

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138969 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 21:11	U	1
Diesel Range Organics (DRO)	C10C28DRO	**66.7**	50.0	mg/kg	10.05.2020 21:11		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.05.2020 21:11	U	1
Total TPH	PHC635	**66.7**	50	mg/kg	10.05.2020 21:11		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	107	%	70-130	10.05.2020 21:11	
o-Terphenyl	84-15-1	102	%	70-130	10.05.2020 21:11	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NAL
Analyst: NAL Date Prep: 10.09.2020 17:00 % Moisture:
Seq Number: 3139446 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	10.10.2020 02:56	U	1
Toluene	108-88-3	<0.00500	0.00500	mg/kg	10.10.2020 02:56	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	10.10.2020 02:56	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.10.2020 02:56	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	10.10.2020 02:56	U	1
Total Xylenes	1330-20-7	<0.001	0.001	mg/kg	10.10.2020 02:56	U	1
Total BTEX		<0.001	0.001	mg/kg	10.10.2020 02:56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	99	%	53-142	10.10.2020 02:56	
1,2-Dichloroethane-D4	17060-07-0	98	%	53-150	10.10.2020 02:56	
Toluene-D8	2037-26-5	93	%	70-130	10.10.2020 02:56	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SW-7 @ 0.5'**
Lab Sample Id: 674253-037
Matrix: Soil
Date Collected: 10.02.2020 10:00
Date Received:10.02.2020 17:06
Sample Depth: 0 - 5 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138969
Date Prep: 10.05.2020 11:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	10.05.2020 21:34	U	1
Diesel Range Organics (DRO)	C10C28DRO	**226**	49.8	mg/kg	10.05.2020 21:34		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**74.8**	49.8	mg/kg	10.05.2020 21:34		1
Total TPH	PHC635	**300.8**	49.8	mg/kg	10.05.2020 21:34		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	10.05.2020 21:34	
o-Terphenyl	84-15-1	100	%	70-130	10.05.2020 21:34	

Analytical Method: BTEX by SW 8260C
Tech: NAL
Analyst: NAL
Seq Number: 3139446
Date Prep: 10.09.2020 17:00
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000998	0.000998	mg/kg	10.10.2020 03:19	U	1
Toluene	108-88-3	<0.00499	0.00499	mg/kg	10.10.2020 03:19	U	1
Ethylbenzene	100-41-4	<0.000998	0.000998	mg/kg	10.10.2020 03:19	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.10.2020 03:19	U	1
o-Xylene	95-47-6	<0.000998	0.000998	mg/kg	10.10.2020 03:19	U	1
Total Xylenes	1330-20-7	<0.000998	0.000998	mg/kg	10.10.2020 03:19	U	1
Total BTEX		<0.000998	0.000998	mg/kg	10.10.2020 03:19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	104	%	53-142	10.10.2020 03:19	
1,2-Dichloroethane-D4	17060-07-0	103	%	53-150	10.10.2020 03:19	
Toluene-D8	2037-26-5	96	%	70-130	10.10.2020 03:19	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SW-8 @ 0.5'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-038 Date Collected: 10.02.2020 10:10 Sample Depth: 0 - 5 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138969 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.05.2020 21:56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.05.2020 21:56	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.05.2020 21:56	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.05.2020 21:56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	89	%	70-130	10.05.2020 21:56	
o-Terphenyl	84-15-1	93	%	70-130	10.05.2020 21:56	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NAL
Analyst: NAL Date Prep: 10.09.2020 17:00 % Moisture:
Seq Number: 3139446 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000996	0.000996	mg/kg	10.10.2020 03:43	U	1
Toluene	108-88-3	<0.00498	0.00498	mg/kg	10.10.2020 03:43	U	1
Ethylbenzene	100-41-4	<0.000996	0.000996	mg/kg	10.10.2020 03:43	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	10.10.2020 03:43	U	1
o-Xylene	95-47-6	<0.000996	0.000996	mg/kg	10.10.2020 03:43	U	1
Total Xylenes	1330-20-7	<0.000996	0.000996	mg/kg	10.10.2020 03:43	U	1
Total BTEX		<0.000996	0.000996	mg/kg	10.10.2020 03:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	104	%	53-142	10.10.2020 03:43	
1,2-Dichloroethane-D4	17060-07-0	104	%	53-150	10.10.2020 03:43	
Toluene-D8	2037-26-5	89	%	70-130	10.10.2020 03:43	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SW-9 @ 0.5'**
Lab Sample Id: 674253-039
Matrix: Soil
Date Collected: 10.02.2020 10:20
Date Received:10.02.2020 17:06
Sample Depth: 0 - 5 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138969
Date Prep: 10.05.2020 11:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 22:19	U	1
Diesel Range Organics (DRO)	C10C28DRO	**232**	50.0	mg/kg	10.05.2020 22:19		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**62.1**	50.0	mg/kg	10.05.2020 22:19		1
Total TPH	PHC635	**294.1**	50	mg/kg	10.05.2020 22:19		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	10.05.2020 22:19	
o-Terphenyl	84-15-1	103	%	70-130	10.05.2020 22:19	

Analytical Method: BTEX by SW 8260C
Tech: NAL
Analyst: NAL
Seq Number: 3139446
Date Prep: 10.09.2020 17:00
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000998	0.000998	mg/kg	10.10.2020 04:06	U	1
Toluene	108-88-3	<0.00499	0.00499	mg/kg	10.10.2020 04:06	U	1
Ethylbenzene	100-41-4	<0.000998	0.000998	mg/kg	10.10.2020 04:06	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.10.2020 04:06	U	1
o-Xylene	95-47-6	<0.000998	0.000998	mg/kg	10.10.2020 04:06	U	1
Total Xylenes	1330-20-7	<0.000998	0.000998	mg/kg	10.10.2020 04:06	U	1
Total BTEX		<0.000998	0.000998	mg/kg	10.10.2020 04:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	103	%	53-142	10.10.2020 04:06	
1,2-Dichloroethane-D4	17060-07-0	102	%	53-150	10.10.2020 04:06	
Toluene-D8	2037-26-5	89	%	70-130	10.10.2020 04:06	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SW-10 @ 0.5'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-040 Date Collected: 10.02.2020 10:30 Sample Depth: 0 - 5 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 11:00 % Moisture:
Seq Number: 3138969 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<250	250	mg/kg	10.05.2020 22:41	U	5
Diesel Range Organics (DRO)	C10C28DRO	**4380**	250	mg/kg	10.05.2020 22:41		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**704**	250	mg/kg	10.05.2020 22:41		5
Total TPH	PHC635	**5084**	250	mg/kg	10.05.2020 22:41		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	10.05.2020 22:41	
o-Terphenyl	84-15-1	100	%	70-130	10.05.2020 22:41	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: NAL
Analyst: NAL Date Prep: 10.09.2020 17:00 % Moisture:
Seq Number: 3139446 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000996	0.000996	mg/kg	10.10.2020 04:29	U	1
Toluene	108-88-3	<0.00498	0.00498	mg/kg	10.10.2020 04:29	U	1
Ethylbenzene	100-41-4	<0.000996	0.000996	mg/kg	10.10.2020 04:29	U	1
m,p-Xylenes	179601-23-1	<0.00199	0.00199	mg/kg	10.10.2020 04:29	U	1
o-Xylene	95-47-6	<0.000996	0.000996	mg/kg	10.10.2020 04:29	U	1
Total Xylenes	1330-20-7	<0.000996	0.000996	mg/kg	10.10.2020 04:29	U	1
Total BTEX		<0.000996	0.000996	mg/kg	10.10.2020 04:29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	99	%	53-142	10.10.2020 04:29	
1,2-Dichloroethane-D4	17060-07-0	97	%	53-150	10.10.2020 04:29	
Toluene-D8	2037-26-5	94	%	70-130	10.10.2020 04:29	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SW-11 @ 0.5'**
Lab Sample Id: 674253-041
Matrix: Soil
Date Collected: 10.02.2020 10:40
Date Received:10.02.2020 17:06
Sample Depth: 0 - 5 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138965
Date Prep: 10.05.2020 12:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<250	250	mg/kg	10.05.2020 18:00	U	5
Diesel Range Organics (DRO)	C10C28DRO	**3340**	250	mg/kg	10.05.2020 18:00		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**628**	250	mg/kg	10.05.2020 18:00		5
Total TPH	PHC635	**3968**	250	mg/kg	10.05.2020 18:00		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	10.05.2020 18:00	
o-Terphenyl	84-15-1	168	%	70-130	10.05.2020 18:00	**

Analytical Method: BTEX by SW 8260C
Tech: SAD
Analyst: SAD
Seq Number: 3139325
Date Prep: 10.09.2020 16:25
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000992	0.000992	mg/kg	10.09.2020 19:46	U	1
Toluene	108-88-3	<0.00496	0.00496	mg/kg	10.09.2020 19:46	U	1
Ethylbenzene	100-41-4	<0.000992	0.000992	mg/kg	10.09.2020 19:46	U	1
m,p-Xylenes	179601-23-1	<0.00198	0.00198	mg/kg	10.09.2020 19:46	U	1
o-Xylene	95-47-6	**0.00335**	0.000992	mg/kg	10.09.2020 19:46		1
Total Xylenes	1330-20-7	**0.00335**	0.000992	mg/kg	10.09.2020 19:46		1
Total BTEX		**0.00335**	0.000992	mg/kg	10.09.2020 19:46		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	110	%	53-142	10.09.2020 19:46	
1,2-Dichloroethane-D4	17060-07-0	102	%	53-150	10.09.2020 19:46	
Toluene-D8	2037-26-5	104	%	70-130	10.09.2020 19:46	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SW-12 @ 0.5'**
Lab Sample Id: 674253-042
Matrix: Soil
Date Collected: 10.02.2020 10:50
Date Received:10.02.2020 17:06
Sample Depth: 0 - 5 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138965
Date Prep: 10.05.2020 12:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.05.2020 18:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.05.2020 18:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.05.2020 18:39	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.05.2020 18:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	93	%	70-130	10.05.2020 18:39	
o-Terphenyl	84-15-1	101	%	70-130	10.05.2020 18:39	

Analytical Method: BTEX by SW 8260C
Tech: SAD
Analyst: SAD
Seq Number: 3139325
Date Prep: 10.09.2020 16:25
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000998	0.000998	mg/kg	10.09.2020 20:06	U	1
Toluene	108-88-3	<0.00499	0.00499	mg/kg	10.09.2020 20:06	U	1
Ethylbenzene	100-41-4	<0.000998	0.000998	mg/kg	10.09.2020 20:06	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.09.2020 20:06	U	1
o-Xylene	95-47-6	<0.000998	0.000998	mg/kg	10.09.2020 20:06	U	1
Total Xylenes	1330-20-7	<0.000998	0.000998	mg/kg	10.09.2020 20:06	U	1
Total BTEX		<0.000998	0.000998	mg/kg	10.09.2020 20:06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	105	%	53-142	10.09.2020 20:06	
1,2-Dichloroethane-D4	17060-07-0	100	%	53-150	10.09.2020 20:06	
Toluene-D8	2037-26-5	99	%	70-130	10.09.2020 20:06	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SW-13 @ 0.5'**
Lab Sample Id: 674253-043
Matrix: Soil
Date Collected: 10.02.2020 11:00
Date Received:10.02.2020 17:06
Sample Depth: 0 - 5 ft

Analytical Method: TPH by SW8015 Mod
Tech: DVM
Analyst: ARM
Seq Number: 3138965
Date Prep: 10.05.2020 12:00
Prep Method: SW8015P
% Moisture:
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 18:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.05.2020 18:59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.05.2020 18:59	U	1
Total TPH	PHC635	<50	50	mg/kg	10.05.2020 18:59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	10.05.2020 18:59	
o-Terphenyl	84-15-1	104	%	70-130	10.05.2020 18:59	

Analytical Method: BTEX by SW 8260C
Tech: NAL
Analyst: NAL
Seq Number: 3139446
Date Prep: 10.09.2020 17:00
Prep Method: SW5035A
% Moisture:
Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00100	0.00100	mg/kg	10.10.2020 04:52	U	1
Toluene	108-88-3	<0.00500	0.00500	mg/kg	10.10.2020 04:52	U	1
Ethylbenzene	100-41-4	<0.00100	0.00100	mg/kg	10.10.2020 04:52	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.10.2020 04:52	U	1
o-Xylene	95-47-6	<0.00100	0.00100	mg/kg	10.10.2020 04:52	U	1
Total Xylenes	1330-20-7	<0.001	0.001	mg/kg	10.10.2020 04:52	U	1
Total BTEX		<0.001	0.001	mg/kg	10.10.2020 04:52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	101	%	53-142	10.10.2020 04:52	
1,2-Dichloroethane-D4	17060-07-0	97	%	53-150	10.10.2020 04:52	
Toluene-D8	2037-26-5	92	%	70-130	10.10.2020 04:52	

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Certificate of Analytical Results 674253

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id: **SW-14 @ 0.5'** Matrix: Soil Date Received:10.02.2020 17:06
Lab Sample Id: 674253-044 Date Collected: 10.02.2020 11:10 Sample Depth: 0 - 5 ft

Analytical Method: TPH by SW8015 Mod Prep Method: SW8015P
Tech: DVM
Analyst: ARM Date Prep: 10.05.2020 12:00 % Moisture:
Seq Number: 3138965 Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.05.2020 19:18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.05.2020 19:18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.05.2020 19:18	U	1
Total TPH	PHC635	<50	50	mg/kg	10.05.2020 19:18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	10.05.2020 19:18	
o-Terphenyl	84-15-1	104	%	70-130	10.05.2020 19:18	

Analytical Method: BTEX by SW 8260C Prep Method: SW5035A
Tech: SAD
Analyst: SAD Date Prep: 10.09.2020 14:50 % Moisture:
Seq Number: 3139313 Basis: Wet Weight
SUB: T104704215-20-38

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.000998	0.000998	mg/kg	10.09.2020 19:59	U	1
Toluene	108-88-3	<0.00499	0.00499	mg/kg	10.09.2020 19:59	U	1
Ethylbenzene	100-41-4	<0.000998	0.000998	mg/kg	10.09.2020 19:59	U	1
m,p-Xylenes	179601-23-1	<0.00200	0.00200	mg/kg	10.09.2020 19:59	U	1
o-Xylene	95-47-6	<0.000998	0.000998	mg/kg	10.09.2020 19:59	U	1
Total Xylenes	1330-20-7	<0.000998	0.000998	mg/kg	10.09.2020 19:59	U	1
Total BTEX		<0.000998	0.000998	mg/kg	10.09.2020 19:59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	100	%	53-142	10.09.2020 19:59	
1,2-Dichloroethane-D4	17060-07-0	104	%	53-150	10.09.2020 19:59	
Toluene-D8	2037-26-5	93	%	70-130	10.09.2020 19:59	

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Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

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

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

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

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

+ NELAC certification not offered for this compound.

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

QC Summary 674253

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TRC Solutions, Inc

HEP:Lovington Booster

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3138967 — Matrix: Solid — Date Prep: 10.05.2020
MB Sample Id: 7712678-1-BLK — LCS Sample Id: 7712678-1-BKS — LCSD Sample Id: 7712678-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	909	91	903	90	70-130	1	20	mg/kg	10.05.2020 13:44	
Diesel Range Organics (DRO)	<50.0	1000	1040	104	1030	103	70-130	1	20	mg/kg	10.05.2020 13:44	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	90		109		108		70-130	%	10.05.2020 13:44
o-Terphenyl	97		109		116		70-130	%	10.05.2020 13:44

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3138969 — Matrix: Solid — Date Prep: 10.05.2020
MB Sample Id: 7712680-1-BLK — LCS Sample Id: 7712680-1-BKS — LCSD Sample Id: 7712680-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	945	95	935	94	70-130	1	20	mg/kg	10.05.2020 13:44	
Diesel Range Organics (DRO)	<50.0	1000	961	96	967	97	70-130	1	20	mg/kg	10.05.2020 13:44	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	92		109		114		70-130	%	10.05.2020 13:44
o-Terphenyl	88		105		107		70-130	%	10.05.2020 13:44

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3138965 — Matrix: Solid — Date Prep: 10.05.2020
MB Sample Id: 7712681-1-BLK — LCS Sample Id: 7712681-1-BKS — LCSD Sample Id: 7712681-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	902	90	899	90	70-130	0	20	mg/kg	10.05.2020 13:48	
Diesel Range Organics (DRO)	<50.0	1000	987	99	985	99	70-130	0	20	mg/kg	10.05.2020 13:48	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	87		114		114		70-130	%	10.05.2020 13:48
o-Terphenyl	101		113		117		70-130	%	10.05.2020 13:48

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3138967 — Matrix: Solid — Date Prep: 10.05.2020
MB Sample Id: 7712678-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.05.2020 13:22	

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

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QC Summary 674253

TRC Solutions, Inc

HEP:Lovington Booster

Analytical Method: **TPH by SW8015 Mod** Prep Method: SW8015P
Seq Number: 3138969 Matrix: Solid Date Prep: 10.05.2020
MB Sample Id: 7712680-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.05.2020 13:22	

Analytical Method: **TPH by SW8015 Mod** Prep Method: SW8015P
Seq Number: 3138965 Matrix: Solid Date Prep: 10.05.2020
MB Sample Id: 7712681-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.05.2020 13:28	

Analytical Method: **TPH by SW8015 Mod** Prep Method: SW8015P
Seq Number: 3138967 Matrix: Soil Date Prep: 10.05.2020
Parent Sample Id: 674253-001 MS Sample Id: 674253-001 S MSD Sample Id: 674253-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	891	89	895	90	70-130	0	20	mg/kg	10.05.2020 14:51	
Diesel Range Organics (DRO)	637	997	1520	89	1550	92	70-130	2	20	mg/kg	10.05.2020 14:51	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	105		106		70-130	%	10.05.2020 14:51
o-Terphenyl	91		93		70-130	%	10.05.2020 14:51

Analytical Method: **TPH by SW8015 Mod** Prep Method: SW8015P
Seq Number: 3138969 Matrix: Soil Date Prep: 10.05.2020
Parent Sample Id: 674253-021 MS Sample Id: 674253-021 S MSD Sample Id: 674253-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	857	86	858	86	70-130	0	20	mg/kg	10.05.2020 14:51	
Diesel Range Organics (DRO)	<49.9	998	892	89	914	92	70-130	2	20	mg/kg	10.05.2020 14:51	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	112		111		70-130	%	10.05.2020 14:51
o-Terphenyl	106		106		70-130	%	10.05.2020 14:51

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

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

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

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QC Summary 674253

TRC Solutions, Inc

HEP:Lovington Booster

Analytical Method: **TPH by SW8015 Mod** Prep Method: SW8015P
Seq Number: 3138965 Matrix: Soil Date Prep: 10.05.2020
Parent Sample Id: 674254-001 MS Sample Id: 674254-001 S MSD Sample Id: 674254-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	879	88	890	89	70-130	1	20	mg/kg	10.05.2020 14:46	
Diesel Range Organics (DRO)	<49.9	998	965	97	945	95	70-130	2	20	mg/kg	10.05.2020 14:46	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	115		106		70-130	%	10.05.2020 14:46
o-Terphenyl	103		100		70-130	%	10.05.2020 14:46

Analytical Method: **BTEX by SW 8260C** Prep Method: SW5035A
Seq Number: 3139473 Matrix: Solid Date Prep: 10.08.2020
MB Sample Id: 7713077-1-BLK LCS Sample Id: 7713077-1-BKS LCSD Sample Id: 7713077-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00100	0.0500	0.0448	90	0.0444	89	62-132	1	25	mg/kg	10.09.2020 00:03	
Toluene	<0.00500	0.0500	0.0473	95	0.0492	98	66-124	4	25	mg/kg	10.09.2020 00:03	
Ethylbenzene	<0.00100	0.0500	0.0457	91	0.0481	96	71-134	5	25	mg/kg	10.09.2020 00:03	
m,p-Xylenes	<0.00200	0.100	0.0881	88	0.0939	94	69-128	6	25	mg/kg	10.09.2020 00:03	
o-Xylene	<0.00100	0.0500	0.0489	98	0.0506	101	72-131	3	25	mg/kg	10.09.2020 00:03	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	99		105		94		53-142	%	10.09.2020 00:03
1,2-Dichloroethane-D4	93		95		96		53-150	%	10.09.2020 00:03
Toluene-D8	105		105		101		70-130	%	10.09.2020 00:03

Analytical Method: **BTEX by SW 8260C** Prep Method: SW5035A
Seq Number: 3139313 Matrix: Solid Date Prep: 10.09.2020
MB Sample Id: 7712989-1-BLK LCS Sample Id: 7712989-1-BKS LCSD Sample Id: 7712989-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00100	0.0500	0.0485	97	0.0490	98	62-132	1	25	mg/kg	10.09.2020 09:36	
Toluene	<0.00500	0.0500	0.0503	101	0.0520	104	66-124	3	25	mg/kg	10.09.2020 09:36	
Ethylbenzene	<0.00100	0.0500	0.0453	91	0.0470	94	71-134	4	25	mg/kg	10.09.2020 09:36	
m,p-Xylenes	<0.00200	0.100	0.0888	89	0.0921	92	69-128	4	25	mg/kg	10.09.2020 09:36	
o-Xylene	<0.00100	0.0500	0.0440	88	0.0455	91	72-131	3	25	mg/kg	10.09.2020 09:36	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	102		101		100		53-142	%	10.09.2020 09:36
1,2-Dichloroethane-D4	99		97		94		53-150	%	10.09.2020 09:36
Toluene-D8	93		93		96		70-130	%	10.09.2020 09:36

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

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

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

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QC Summary 674253

TRC Solutions, Inc

HEP:Lovington Booster

Analytical Method: **BTEX by SW 8260C** Prep Method: SW5035A
Seq Number: 3139302 Matrix: Solid Date Prep: 10.09.2020
MB Sample Id: 7712982-1-BLK LCS Sample Id: 7712982-1-BKS LCSD Sample Id: 7712982-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00100	0.0500	0.0459	92	0.0460	92	62-132	0	25	mg/kg	10.09.2020 11:30	
Toluene	<0.00500	0.0500	0.0435	87	0.0508	102	66-124	15	25	mg/kg	10.09.2020 11:30	
Ethylbenzene	<0.00100	0.0500	0.0466	93	0.0493	99	71-134	6	25	mg/kg	10.09.2020 11:30	
m,p-Xylenes	<0.00200	0.100	0.0918	92	0.0988	99	69-128	7	25	mg/kg	10.09.2020 11:30	
o-Xylene	<0.00100	0.0500	0.0464	93	0.0510	102	72-131	9	25	mg/kg	10.09.2020 11:30	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	92		98		97		53-142	%	10.09.2020 11:30
1,2-Dichloroethane-D4	98		94		104		53-150	%	10.09.2020 11:30
Toluene-D8	99		92		102		70-130	%	10.09.2020 11:30

Analytical Method: **BTEX by SW 8260C** Prep Method: SW5035A
Seq Number: 3139325 Matrix: Solid Date Prep: 10.09.2020
MB Sample Id: 7712992-1-BLK LCS Sample Id: 7712992-1-BKS LCSD Sample Id: 7712992-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00100	0.0500	0.0491	98	0.0437	87	62-132	12	25	mg/kg	10.09.2020 10:28	
Toluene	<0.00500	0.0500	0.0470	94	0.0414	83	66-124	13	25	mg/kg	10.09.2020 10:28	
Ethylbenzene	<0.00100	0.0500	0.0478	96	0.0421	84	71-134	13	25	mg/kg	10.09.2020 10:28	
m,p-Xylenes	<0.00200	0.100	0.0958	96	0.0845	85	69-128	13	25	mg/kg	10.09.2020 10:28	
o-Xylene	<0.00100	0.0500	0.0488	98	0.0437	87	72-131	11	25	mg/kg	10.09.2020 10:28	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	108		104		106		53-142	%	10.09.2020 10:28
1,2-Dichloroethane-D4	101		99		100		53-150	%	10.09.2020 10:28
Toluene-D8	96		98		97		70-130	%	10.09.2020 10:28

Analytical Method: **BTEX by SW 8260C** Prep Method: SW5035A
Seq Number: 3139446 Matrix: Solid Date Prep: 10.09.2020
MB Sample Id: 7713089-1-BLK LCS Sample Id: 7713089-1-BKS LCSD Sample Id: 7713089-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00100	0.0500	0.0494	99	0.0500	100	62-132	1	25	mg/kg	10.09.2020 22:41	
Toluene	<0.00500	0.0500	0.0505	101	0.0476	95	66-124	6	25	mg/kg	10.09.2020 22:41	
Ethylbenzene	<0.00100	0.0500	0.0431	86	0.0430	86	71-134	0	25	mg/kg	10.09.2020 22:41	
m,p-Xylenes	<0.00200	0.100	0.0854	85	0.0847	85	69-128	1	25	mg/kg	10.09.2020 22:41	
o-Xylene	<0.00100	0.0500	0.0439	88	0.0432	86	72-131	2	25	mg/kg	10.09.2020 22:41	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	100		105		102		53-142	%	10.09.2020 22:41
1,2-Dichloroethane-D4	98		98		99		53-150	%	10.09.2020 22:41
Toluene-D8	93		97		90		70-130	%	10.09.2020 22:41

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

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

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

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QC Summary 674253

TRC Solutions, Inc

HEP:Lovington Booster

Analytical Method: **BTEX by SW 8260C** Prep Method: SW5035A
Seq Number: 3139473 Matrix: Soil Date Prep: 10.08.2020
Parent Sample Id: 674253-001 MS Sample Id: 674253-001 S MSD Sample Id: 674253-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00100	0.0500	0.0482	96	0.0517	104	62-132	7	25	mg/kg	10.09.2020 00:44	
Toluene	<0.00500	0.0500	0.0467	93	0.0481	97	66-124	3	25	mg/kg	10.09.2020 00:44	
Ethylbenzene	<0.00100	0.0500	0.0443	89	0.0465	93	71-134	5	25	mg/kg	10.09.2020 00:44	
m,p-Xylenes	<0.00200	0.100	0.0845	85	0.0891	89	69-128	5	25	mg/kg	10.09.2020 00:44	
o-Xylene	<0.00100	0.0500	0.0484	97	0.0545	109	72-131	12	25	mg/kg	10.09.2020 00:44	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	114		116		53-142	%	10.09.2020 00:44
1,2-Dichloroethane-D4	98		116		53-150	%	10.09.2020 00:44
Toluene-D8	101		105		70-130	%	10.09.2020 00:44

Analytical Method: **BTEX by SW 8260C** Prep Method: SW5035A
Seq Number: 3139302 Matrix: Soil Date Prep: 10.09.2020
Parent Sample Id: 674253-021 MS Sample Id: 674253-021 S MSD Sample Id: 674253-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000994	0.0497	0.0544	109	0.0528	106	62-132	3	25	mg/kg	10.09.2020 12:12	
Toluene	<0.00497	0.0497	0.0549	110	0.0496	100	66-124	10	25	mg/kg	10.09.2020 12:12	
Ethylbenzene	<0.000994	0.0497	0.0538	108	0.0513	103	71-134	5	25	mg/kg	10.09.2020 12:12	
m,p-Xylenes	<0.00199	0.0994	0.105	106	0.100	101	69-128	5	25	mg/kg	10.09.2020 12:12	
o-Xylene	<0.000994	0.0497	0.0562	113	0.0516	104	72-131	9	25	mg/kg	10.09.2020 12:12	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	106		109		53-142	%	10.09.2020 12:12
1,2-Dichloroethane-D4	114		109		53-150	%	10.09.2020 12:12
Toluene-D8	103		95		70-130	%	10.09.2020 12:12

Analytical Method: **BTEX by SW 8260C** Prep Method: SW5035A
Seq Number: 3139446 Matrix: Soil Date Prep: 10.09.2020
Parent Sample Id: 674253-033 MS Sample Id: 674253-033 S MSD Sample Id: 674253-033 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000998	0.0499	0.0365	73	0.0340	68	62-132	7	25	mg/kg	10.09.2020 23:27	
Toluene	<0.00499	0.0499	0.0320	64	0.0290	58	66-124	10	25	mg/kg	10.09.2020 23:27	X
Ethylbenzene	<0.000998	0.0499	0.0260	52	0.0238	48	71-134	9	25	mg/kg	10.09.2020 23:27	X
m,p-Xylenes	<0.00200	0.0998	0.0493	49	0.0448	45	69-128	10	25	mg/kg	10.09.2020 23:27	X
o-Xylene	<0.000998	0.0499	0.0249	50	0.0221	44	72-131	12	25	mg/kg	10.09.2020 23:27	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	102		108		53-142	%	10.09.2020 23:27
1,2-Dichloroethane-D4	103		107		53-150	%	10.09.2020 23:27
Toluene-D8	90		88		70-130	%	10.09.2020 23:27

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

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

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

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QC Summary 674253

TRC Solutions, Inc

HEP:Lovington Booster

Analytical Method: **BTEX by SW 8260C** Prep Method: SW5035A

Seq Number: 3139313 Matrix: Soil Date Prep: 10.09.2020

Parent Sample Id: 674329-008 MS Sample Id: 674329-008 S

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
Benzene	<0.000950	0.0475	0.0473	100	62-132	mg/kg	10.09.2020 10:23	
Toluene	<0.00475	0.0475	0.0468	99	66-124	mg/kg	10.09.2020 10:23	
Ethylbenzene	<0.000950	0.0475	0.0417	88	71-134	mg/kg	10.09.2020 10:23	
m,p-Xylenes	<0.00190	0.0950	0.0822	87	69-128	mg/kg	10.09.2020 10:23	
o-Xylene	<0.000950	0.0475	0.0417	88	72-131	mg/kg	10.09.2020 10:23	

Surrogate	MS %Rec	MS Flag	Limits	Units	Analysis Date
Dibromofluoromethane	106		53-142	%	10.09.2020 10:23
1,2-Dichloroethane-D4	106		53-150	%	10.09.2020 10:23
Toluene-D8	92		70-130	%	10.09.2020 10:23

Analytical Method: **BTEX by SW 8260C** Prep Method: SW5035A

Seq Number: 3139325 Matrix: Soil Date Prep: 10.09.2020

Parent Sample Id: 674348-004 MS Sample Id: 674348-004 S

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
Benzene	<0.00104	0.0519	0.0446	86	62-132	mg/kg	10.09.2020 11:08	
Toluene	<0.00519	0.0519	0.0422	81	66-124	mg/kg	10.09.2020 11:08	
Ethylbenzene	<0.00104	0.0519	0.0435	84	71-134	mg/kg	10.09.2020 11:08	
m,p-Xylenes	<0.00208	0.104	0.0865	83	69-128	mg/kg	10.09.2020 11:08	
o-Xylene	<0.00104	0.0519	0.0414	80	72-131	mg/kg	10.09.2020 11:08	

Surrogate	MS %Rec	MS Flag	Limits	Units	Analysis Date
Dibromofluoromethane	106		53-142	%	10.09.2020 11:08
1,2-Dichloroethane-D4	102		53-150	%	10.09.2020 11:08
Toluene-D8	98		70-130	%	10.09.2020 11:08

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

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

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

Chain of Custody

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Phoenix,AZ (480) 355-0900 Atlanta,GA (770) 449-8800 Tampa,FL (813) 620-2000 West Palm Beach, FL (561) 689-6701
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Work Order No: 674753

Page _____ of _____

Project Manager:	Cindy Crain	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Drive, Ste 150E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-215-6730	Email:	Cindy, Tania

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	HEP: Lovington Booster	Turn Around	
Project Number:	342796	Routine	☑
Project Location	Lovington NM	Rush:	
Sampler's Name:	Tania Babu	Due Date:	
PO #:		Quote #:	

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Temperature (°C):	4.0°C	Thermometer ID	IR9
Received Intact:	Yes No		
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Total Containers:	

Preservative Codes

MeOH: Me
None: NO
HNO3: HN
H2S04: H2
HCL: HL
NaOH: Na
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:00pm

Lab ID	Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Pres. Code	Number of Containers	TPH 8015M	BTEX 8260	Sample Comments
	SW-1 @ 1.5'	S	10/1/20	0800	1.5'		1	X	X	
	SW-2 @ 1.5'			0810	1.5'					
	SW-3 @ 1.5'			0820	1.5'					
	SW-4 @ 1.5'			0830	1.5'					
	SW-5 @ 0.5'			0840	0.5'					
	SW-6 @ 0.5			0850	0.5'					
	SS-1 @ 3'			0900	3'					
	SS-2 @ 3'			0910	3'					
	SS-3 @ 3'			0920	3'					
	SS-4 @ 3'			0930	3'					

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed

TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U

1631 / 245.1 / 7470 / 7471 : Hg

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			10-2-20 17:06	2			
3				4			
5				6			

Revised Date 022619 Rev 2019 1

Chain of Custody

XENCO LABORATORIES
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Work Order No: 674253

Page _____ of _____

Project Manager:	Cindy Crain	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr. Ste 150E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-215-6730	Email:	Cindy, Tania

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	HEP: Lovington Booster	Turn Around	
Project Number:	392796	Routine	☑
Project Location	Lovington, NM	Rush:	
Sampler's Name:	Tania Babu	Due Date:	
PO #:		Quote #:	

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C):	4.0°C	Thermometer ID		
Received Intact:	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Total Containers:		

Lab ID	Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH 8015M	BTEX 8260
	SS-5 @ 3'	S	10/1/20	0940	3'	1	X	X
	SS-6 @ 3'			0950	3'			
	SS-7 @ 3'			1000	3'			
	SS-8 @ 3'			1010	3'			
	SS-9 @ 3'			1020	3'			
	SS-10 @ 3'			1030	3'			
	SS-11 @ 1'			1040	1'			
	SS-12 @ 1'			1050	1'			
	SS-13 @ 1'			1100	1'			
	SS-14 @ 1'		10/2/20	0800	1'			

Preservative Codes

MeOH: Me
None: NO
HNO3: HN
H2S04: H2
HCL: HL
NaOH: Na
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:00pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed

TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U

1631 / 245.1 / 7470 / 7471 : Hg

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			10-2-2017:06	2		
3				4		
5				6		

Revised Date 022619 Rev. 2019 1

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Work Order No: 674253

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Project Manager:	Cindy Crain	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr, Ste 150E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-215-6730	Email:	Cindy, Tania

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	HEP: Lovington Booster	Turn Around	
Project Number:	392796	Routine ☐	
Project Location	Lovington, NM	Rush:	
Sampler's Name:	Tanka Babu	Due Date:	
PO #:		Quote #:	

SAMPLE RECEIPT				
Temperature (°C):		Temp Blank:	Yes No	Wet Ice: Yes No
Received Intact:	Yes No	Thermometer ID		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Total Containers:		

Lab ID	Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH 8015M	BTEX 8260
	Duplicate - 1	S	10/1/20	—	—	1	X	X
	SS - 15 @ 1'		10/2/20	0810	1'			
	SS - 16 @ 1'		10/2/20	0820	1'			
	SS - 17 @ 1'			0830	1'			
	SS - 18 @ 1'			0840	1'			
	SS - 19 @ 1'			0850	1'			
	SS - 20 @ 1'			0900	1'			
	SS - 21 @ 1'			0910	1'			
	SS - 22 @ 1'			0920	1'			
	SS - 23 @ 1'			1120	1'			

ANALYSIS REQUEST

Preservative Codes

MeOH: Me
None: NO
HNO3: HN
H2S04: H2
HCL: HL
NaOH: Na
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:00pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed

TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U

1631 / 245.1 / 7470 / 7471 : Hg

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			10-2-20 17:06	2			
3				4			
5				6			

Revised Date 022619 Rev 2019 1

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Work Order No: 674253

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Project Manager:	Cindy Crain	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr, Ste 150E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-215-6730	Email:	Cindy, Tania

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lovington Booster Station	Turn Around	
Project Number:	392796	Routine	☑
Project Location	Lovington, NM	Rush:	
Sampler's Name:	Tania Babu	Due Date:	
PO #:		Quote #:	

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C):	4.0°C	Thermometer ID		
Received Intact:	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Total Containers:		

Lab ID	Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH 8015M	BTEX 8260
	SS-23 @ 1'	S	10/2/20	1120	1'	1	X	X
	SS-24 @ 1'			1130	1'			
	SS-25 @ 1'			1140	1'			
	SS-26 @ 1'			0930	1'			
	SS-27 @ 1'			0940	1'			
	SS-28 @ 1'			0950	1'			
	Duplicate - 2			—	—			
	SW-7 @ 0.5'			1000	0.5'			
	SW-8 @ 0.5'			1010	0.5'			
	SW-9 @ 0.5'			1020	0.5'			

ANALYSIS REQUEST

Preservative Codes

MeOH: Me
None: NO
HNO3: HN
H2S04: H2
HCL: HL
NaOH: Na
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:00pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed

TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U

1631 / 245.1 / 7470 / 7471 : Hg

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			10-2-20 17:00			
3				4		
5				6		

Chain of Custody

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Work Order No: 674753

Page _____ of _____

Project Manager:	Cindy Crain	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Drive, Ste 150E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-215-6730	Email:	Cindy, Tania

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	HEP: Lovington Boosters	Turn Around	
Project Number:	392796	Routine ☒	Pres. Code
Project Location	Lovington, NM	Rush:	
Sampler's Name:	Tania Babu	Due Date:	
PO #:		Quote #:	

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Temperature (°C):	4.0°C	Thermometer ID	
Received Intact:	Yes No		
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Total Containers:	

Preservative Codes

MeOH: Me
None: NO
HNO3: HN
H2S04: H2
HCL: HL
NaOH: Na
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:00pm

Lab ID	Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH 8015M	BTEX 8260	Sample Comments
	SW-10 @ 0.5'	S	10/2/20	1030	0.5'	1	X	X	
	SW-11 @ 0.5'			1040	0.5'				
	SW-12 @ 0.5'			1050	0.5'				
	SW-13 @ 0.5'			1100	0.5'				
	SW-14 @ 0.5'			1110	0.5'				

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U 1631 / 245.1 / 7470 / 7471 : Hg

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			10-2-20 17:06	2		
3				4		
5				6		

Revised Date 022619 Rev. 2019 1

Inter-Office Shipment

IOS Number : 71351

Date/Time:	10.05.2020	Created by:	Brianna Teel	Please send report to:	Jessica Kramer
Lab# From:	**Midland**	Delivery Priority:		Address:	1211 W. Florida Ave
Lab# To:	**Houston**	Air Bill No.:	77175778492	E-Mail:	jessica.kramer@eurofinset.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
674253-001	S	SW-1 @ 1.5'	10.01.2020 08:00	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 08:00	JKR	BZ BZME EBZ XYLENE	
674253-002	S	SW-2 @ 1.5'	10.01.2020 08:10	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 08:10	JKR	BZ BZME EBZ XYLENE	
674253-003	S	SW-3 @ 1.5'	10.01.2020 08:20	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 08:20	JKR	BZ BZME EBZ XYLENE	
674253-004	S	SW-4 @ 1.5'	10.01.2020 08:30	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 08:30	JKR	BZ BZME EBZ XYLENE	
674253-005	S	SW-5 @ 0.5'	10.01.2020 08:40	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 08:40	JKR	BZ BZME EBZ XYLENE	
674253-006	S	SW-6 @ 0.5'	10.01.2020 08:50	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 08:50	JKR	BZ BZME EBZ XYLENE	
674253-007	S	SS-1 @ 3'	10.01.2020 09:00	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 09:00	JKR	BZ BZME EBZ XYLENE	
674253-008	S	SS-2 @ 3'	10.01.2020 09:10	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 09:10	JKR	BZ BZME EBZ XYLENE	
674253-009	S	SS-3 @ 3'	10.01.2020 09:20	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 09:20	JKR	BZ BZME EBZ XYLENE	
674253-010	S	SS-4 @ 3'	10.01.2020 09:30	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 09:30	JKR	BZ BZME EBZ XYLENE	
674253-011	S	SS-5 @ 3'	10.01.2020 09:40	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 09:40	JKR	BZ BZME EBZ XYLENE	
674253-012	S	SS-6 @ 3'	10.01.2020 09:50	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 09:50	JKR	BZ BZME EBZ XYLENE	
674253-013	S	SS-7 @ 3'	10.01.2020 10:00	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 10:00	JKR	BZ BZME EBZ XYLENE	
674253-014	S	SS-8 @ 3'	10.01.2020 10:10	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 10:10	JKR	BZ BZME EBZ XYLENE	
674253-015	S	SS-9 @ 3'	10.01.2020 10:20	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 10:20	JKR	BZ BZME EBZ XYLENE	
674253-016	S	SS-10 @ 3'	10.01.2020 10:30	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 10:30	JKR	BZ BZME EBZ XYLENE	
674253-017	S	SS-11 @ 1'	10.01.2020 10:40	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 10:40	JKR	BZ BZME EBZ XYLENE	
674253-018	S	SS-12 @ 1'	10.01.2020 10:50	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 10:50	JKR	BZ BZME EBZ XYLENE	
674253-019	S	SS-13 @ 1'	10.01.2020 11:00	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 11:00	JKR	BZ BZME EBZ XYLENE	
674253-020	S	SS-14 @ 1'	10.02.2020 08:00	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 08:00	JKR	BZ BZME EBZ XYLENE	
674253-021	S	Duplicate-1	10.01.2020 00:00	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.15.2020 00:00	JKR	BZ BZME EBZ XYLENE	
674253-022	S	SS-15 @ 1'	10.02.2020 08:10	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 08:10	JKR	BZ BZME EBZ XYLENE	
674253-023	S	SS-16 @ 1'	10.02.2020 08:20	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 08:20	JKR	BZ BZME EBZ XYLENE	
674253-024	S	SS-17 @ 1'	10.02.2020 08:30	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 08:30	JKR	BZ BZME EBZ XYLENE	
674253-025	S	SS-18 @ 1'	10.02.2020 08:40	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 08:40	JKR	BZ BZME EBZ XYLENE	

Inter-Office Shipment

IOS Number : 71351

Date/Time: 10.05.2020
Lab# From: **Midland**
Lab# To: **Houston**
Created by: Brianna Teel
Delivery Priority:
Air Bill No.: 77175778492

Please send report to: Jessica Kramer
Address: 1211 W. Florida Ave
E-Mail: jessica.kramer@eurofinset.com

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	PM	Analytes	Sign
674253-026	S	SS-19 @ 1'	10.02.2020 08:50	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 08:50	JKR	BZ BZME EBZ XYLENE	
674253-027	S	SS-20 @ 1'	10.02.2020 09:00	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 09:00	JKR	BZ BZME EBZ XYLENE	
674253-028	S	SSS-21 @ 1'	10.02.2020 09:10	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 09:10	JKR	BZ BZME EBZ XYLENE	
674253-029	S	SS-22 @ 1'	10.02.2020 09:20	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 09:20	JKR	BZ BZME EBZ XYLENE	
674253-030	S	SS-23 @ 1'	10.02.2020 08:00	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 08:00	JKR	BZ BZME EBZ XYLENE	
674253-031	S	SS-24 @ 1'	10.02.2020 11:30	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 11:30	JKR	BZ BZME EBZ XYLENE	
674253-032	S	SS-25 @ 1'	10.02.2020 11:40	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 11:40	JKR	BZ BZME EBZ XYLENE	
674253-033	S	SS-26 @ 1'	10.02.2020 09:30	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 09:30	JKR	BZ BZME EBZ XYLENE	
674253-034	S	SS-27 @ 1'	10.02.2020 09:40	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 09:40	JKR	BZ BZME EBZ XYLENE	
674253-035	S	SS-28 @ 1'	10.02.2020 09:50	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 09:50	JKR	BZ BZME EBZ XYLENE	
674253-036	S	Duplicate-2	10.02.2020 00:00	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 00:00	JKR	BZ BZME EBZ XYLENE	
674253-037	S	SW-7 @ 0.5'	10.02.2020 10:00	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 10:00	JKR	BZ BZME EBZ XYLENE	
674253-038	S	SW-8 @ 0.5'	10.02.2020 10:10	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 10:10	JKR	BZ BZME EBZ XYLENE	
674253-039	S	SW-9 @ 0.5'	10.02.2020 10:20	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 10:20	JKR	BZ BZME EBZ XYLENE	
674253-040	S	SW-10 @ 0.5'	10.02.2020 10:30	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 10:30	JKR	BZ BZME EBZ XYLENE	
674253-041	S	SW-11 @ 0.5'	10.02.2020 10:40	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 10:40	JKR	BZ BZME EBZ XYLENE	
674253-042	S	SW-12 @ 0.5'	10.02.2020 10:50	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 10:50	JKR	BZ BZME EBZ XYLENE	
674253-043	S	SW-13 @ 0.5'	10.02.2020 11:00	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 11:00	JKR	BZ BZME EBZ XYLENE	
674253-044	S	SW-14 @ 0.5'	10.02.2020 11:10	SW8260CBTEX	BTEX by SW 8260C	10.12.2020	10.16.2020 11:10	JKR	BZ BZME EBZ XYLENE	

Inter Office Shipment or Sample Comments:

Relinquished By: Brianna Teel
Brianna Teel

Date Relinquished: 10.05.2020

Received By: Hypatia Keys
Hypatia Keys

Date Received: 10.07.2020

Cooler Temperature: 2.3

Eurofins Xenco, LLC

Inter Office Report- Sample Receipt Checklist

Sent To: Houston

IOS #: 71351

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient
Temperature Measuring device used : hou-203

Sent By: Brianna Teel **Date Sent:** 10.05.2020 08.52 AM

Received By: Hypatia Keys **Date Received:** 10.07.2020 09.43 AM

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	2.3	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received with appropriate temperature?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**Yes**	
#5 *Custody Seals Signed and dated for Containers/coolers	**Yes**	
#6 *IOS present?	**Yes**	
#7 Any missing/extra samples?	**No**	
#8 IOS agrees with sample label(s)/matrix?	**Yes**	
#9 Sample matrix/ properties agree with IOS?	**Yes**	
#10 Samples in proper container/ bottle?	**Yes**	
#11 Samples properly preserved?	**Yes**	
#12 Sample container(s) intact?	**Yes**	
#13 Sufficient sample amount for indicated test(s)?	**Yes**	
#14 All samples received within hold time?	**Yes**	

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

NonConformance:

Corrective Action Taken:

Nonconformance Documentation

Contact: _____ **Contacted by :** _____ **Date:** _____

Checklist reviewed by: Hypatia Keys Date: 10.07.2020

Hypatia Keys

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: TRC Solutions, Inc

Date/ Time Received: 10.02.2020 05.06.00 PM

Work Order #: 674253

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR-8

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	4	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6*Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Any missing/extra samples?	**No**	
#9 Chain of Custody signed when relinquished/ received?	**Yes**	
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**	
#11 Container label(s) legible and intact?	**Yes**	
#12 Samples in proper container/ bottle?	**Yes**	
#13 Samples properly preserved?	**Yes**	
#14 Sample container(s) intact?	**Yes**	
#15 Sufficient sample amount for indicated test(s)?	**Yes**	
#16 All samples received within hold time?	**Yes**	
#17 Subcontract of sample(s)?	**Yes**	Xenco Stafford-BTEX8260
#18 Water VOC samples have zero headspace?	**N/A**	

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

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 10.05.2020
Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 10.05.2020
Jessica Kramer

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Certificate of Analysis Summary 676697

TRC Solutions, Inc, Midland, TX

Project Name: HEP:Lovington Booster

Project Id:

Contact: Cindy Crain

Project Location: Lovington, NM

Date Received in Lab: Tue 11.03.2020 08:25

Report Date: 11.10.2020 09:13

Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	676697-001		676697-002		676697-003		676697-004		676697-005		676697-006	
	Field Id:	SW-7a @ 0.5'		SW-9a @ 0.5'		SS-16 @ 1.5'		SS-17 @ 1.5'		SS-18@1.5'.		SW-10a @ 0.5'	
	Depth:	0.5- ft		0.5- ft		1.5- ft		1.5- ft		1.5- ft		0.5- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	11.02.2020 12:00		11.02.2020 12:10		11.02.2020 12:20		11.02.2020 12:30		11.02.2020 12:40		11.02.2020 12:50	
TPH by SW8015 Mod	***Extracted:***	11.03.2020 11:00		11.03.2020 11:00		11.03.2020 11:00		11.03.2020 11:00		11.03.2020 11:00		11.03.2020 11:00	
	Analyzed:	11.03.2020 12:12		11.03.2020 13:30		11.03.2020 13:50		11.03.2020 14:09		11.03.2020 14:29		11.03.2020 14:48	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8
Diesel Range Organics (DRO)		534 X	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	399	49.9	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		212	50.0	<49.8	49.8	<50.0	50.0	<50.0	50.0	179	49.9	<49.8	49.8
Total TPH		746	50	<49.8	49.8	<50	50	<50	50	578	49.9	<49.8	49.8

BRL - Below Reporting Limit

Jessica Kramer

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

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Certificate of Analysis Summary 676697

TRC Solutions, Inc, Midland, TX

Project Name: HEP:Lovington Booster

Project Id:

Contact: Cindy Crain

Project Location: Lovington, NM

Date Received in Lab: Tue 11.03.2020 08:25

Report Date: 11.10.2020 09:13

Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	676697-007		676697-008		676697-009		676697-010		676697-011		676697-012	
	Field Id:	SS-23 @ 15"		SW-11a @ 0.5'		SS-26 @ 1.5'		SS-27 @ 3'		SS-11 @ 4'		SS-10 @ 4'	
	Depth:	15- In		0.5- ft		1.5- ft		3- ft		4- ft		4- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	11.02.2020 13:00		11.02.2020 13:10		11.02.2020 13:20		11.02.2020 13:30		11.02.2020 13:40		11.02.2020 13:50	
TPH by SW8015 Mod	***Extracted:***	11.03.2020 11:00		11.03.2020 11:00		11.03.2020 11:00		11.03.2020 11:00		11.03.2020 11:00		11.03.2020 11:00	
	Analyzed:	11.03.2020 15:07		11.03.2020 15:27		11.03.2020 15:46		11.03.2020 16:05		11.03.2020 17:23		11.03.2020 17:42	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	68.1	50.0	<49.9	49.9	<49.8	49.8
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8
Total TPH		<50	50	<50	50	<49.9	49.9	68.1	50	<49.9	49.9	<49.8	49.8

BRL - Below Reporting Limit

Jessica Kramer

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Certificate of Analysis Summary 676697

TRC Solutions, Inc, Midland, TX

Project Name: HEP:Lovington Booster

Project Id:

Contact: Cindy Crain

Project Location: Lovington, NM

Date Received in Lab: Tue 11.03.2020 08:25

Report Date: 11.10.2020 09:13

Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	676697-013		676697-014		676697-015		676697-016		676697-017		676697-018	
	Field Id:	SS-8 @ 4'		SS-9 @ 4'		SW-1 @ 2'		SS-4 @ 4'		SS-2 @ 4'		SS-3 @ 4'	
	Depth:	4- ft		4- ft		2- ft		4- ft		4- ft		4- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	11.02.2020 14:00		11.02.2020 14:10		11.02.2020 14:20		11.02.2020 14:30		11.02.2020 14:40		11.02.2020 14:50	
TPH by SW8015 Mod	***Extracted:***	11.03.2020 11:00		11.03.2020 11:00		11.03.2020 11:00		11.03.2020 11:00		11.03.2020 11:00		11.03.2020 11:00	
	Analyzed:	11.03.2020 18:02		11.03.2020 18:21		11.03.2020 18:40		11.03.2020 18:59		11.03.2020 19:18		11.03.2020 19:37	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	<49.9	49.9	54.4	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Total TPH		<50	50	<49.9	49.9	54.4	50	<49.9	49.9	<49.8	49.8	<50	50

BRL - Below Reporting Limit

Jessica Kramer

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

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Certificate of Analysis Summary 676697

TRC Solutions, Inc, Midland, TX

Project Name: HEP:Lovington Booster

Project Id:

Contact: Cindy Crain

Project Location: Lovington, NM

Date Received in Lab: Tue 11.03.2020 08:25

Report Date: 11.10.2020 09:13

Project Manager: Jessica Kramer

Analysis Requested											
	Lab Id:	676697-019		676697-020		676697-021		676697-022			
	Field Id:	SS-5 @ 4'		SS-6 @ 4'		Duplicate-1		Duplicate-2			
	Depth:	4- ft		4- ft							
	Matrix:	SOIL		SOIL		SOIL		SOIL			
	Sampled:	11.02.2020 15:00		11.02.2020 15:10		11.02.2020 00:00		11.02.2020 00:00			
TPH by SW8015 Mod	***Extracted:***	11.03.2020 11:00		11.03.2020 11:00		11.03.2020 15:00		11.03.2020 15:00			
	Analyzed:	11.03.2020 19:57		11.03.2020 20:16		11.03.2020 21:53		11.03.2020 22:50			
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9		
Diesel Range Organics (DRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9		
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9		
Total TPH		<49.9	49.9	<50	50	<50	50	<49.9	49.9		

BRL - Below Reporting Limit

Jessica Kramer

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Analytical Report 676697

for

TRC Solutions, Inc

Project Manager: Cindy Crain

HEP:Lovington Booster

11.10.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

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

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

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)

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11.10.2020

Project Manager: **Cindy Crain**
TRC Solutions, Inc
2057 Commerce
Midland, TX 79703

Reference: Eurofins Xenco, LLC Report No(s): **676697**
HEP:Lovington Booster
Project Address: Lovington, NM

Cindy Crain:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 676697. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 676697 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Jessica Kramer

Jessica Kramer
Project Manager

A Small Business and Minority Company

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

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Sample Cross Reference 676697

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SW-7a @ 0.5'	S	11.02.2020 12:00	0.5 ft	676697-001
SW-9a @ 0.5'	S	11.02.2020 12:10	0.5 ft	676697-002
SS-16 @ 1.5'	S	11.02.2020 12:20	1.5 ft	676697-003
SS-17 @ 1.5'	S	11.02.2020 12:30	1.5 ft	676697-004
SS-18@1.5'.	S	11.02.2020 12:40	1.5 ft	676697-005
SW-10a @ 0.5'	S	11.02.2020 12:50	0.5 ft	676697-006
SS-23 @ 15"	S	11.02.2020 13:00	15 In	676697-007
SW-11a @ 0.5'	S	11.02.2020 13:10	0.5 ft	676697-008
SS-26 @ 1.5'	S	11.02.2020 13:20	1.5 ft	676697-009
SS-27 @ 3'	S	11.02.2020 13:30	3 ft	676697-010
SS-11 @ 4'	S	11.02.2020 13:40	4 ft	676697-011
SS-10 @ 4'	S	11.02.2020 13:50	4 ft	676697-012
SS-8 @ 4'	S	11.02.2020 14:00	4 ft	676697-013
SS-9 @ 4'	S	11.02.2020 14:10	4 ft	676697-014
SW-1 @ 2'	S	11.02.2020 14:20	2 ft	676697-015
SS-4 @ 4'	S	11.02.2020 14:30	4 ft	676697-016
SS-2 @ 4'	S	11.02.2020 14:40	4 ft	676697-017
SS-3 @ 4'	S	11.02.2020 14:50	4 ft	676697-018
SS-5 @ 4'	S	11.02.2020 15:00	4 ft	676697-019
SS-6 @ 4'	S	11.02.2020 15:10	4 ft	676697-020
Duplicate-1	S	11.02.2020 00:00	ft	676697-021
Duplicate-2	S	11.02.2020 00:00	ft	676697-022

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CASE NARRATIVE

Client Name: TRC Solutions, Inc

Project Name: HEP:Lovington Booster

Project ID:
Work Order Number(s): *676697*

Report Date: *11.10.2020*
Date Received: *11.03.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3141317 TPH by SW8015 Mod

Lab Sample ID 676697-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Diesel Range Organics (DRO) recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 676697-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019, -020.

The Laboratory Control Sample for Diesel Range Organics (DRO) is within laboratory Control Limits, therefore the data was accepted.

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SW-7a @ 0.5'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-001	Date Collected:	11.02.2020 12:00	Sample Depth:	0.5 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.03.2020 12:12	U	1
Diesel Range Organics (DRO)	C10C28DRO	**534**	50.0	mg/kg	11.03.2020 12:12	X	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**212**	50.0	mg/kg	11.03.2020 12:12		1
Total TPH	PHC635	**746**	50	mg/kg	11.03.2020 12:12		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	103	%	70-130	11.03.2020 12:12	
o-Terphenyl	84-15-1	117	%	70-130	11.03.2020 12:12	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SW-9a @ 0.5'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-002	Date Collected:	11.02.2020 12:10	Sample Depth:	0.5 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	11.03.2020 13:30	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	11.03.2020 13:30	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	11.03.2020 13:30	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	11.03.2020 13:30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	11.03.2020 13:30	
o-Terphenyl	84-15-1	117	%	70-130	11.03.2020 13:30	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-16 @ 1.5'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-003	Date Collected:	11.02.2020 12:20	Sample Depth:	1.5 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.03.2020 13:50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.03.2020 13:50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.03.2020 13:50	U	1
Total TPH	PHC635	<50	50	mg/kg	11.03.2020 13:50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	11.03.2020 13:50	
o-Terphenyl	84-15-1	121	%	70-130	11.03.2020 13:50	

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Certificate of Analytical Results 676697

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-17 @ 1.5'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-004	Date Collected:	11.02.2020 12:30	Sample Depth:	1.5 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.03.2020 14:09	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.03.2020 14:09	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.03.2020 14:09	U	1
Total TPH	PHC635	<50	50	mg/kg	11.03.2020 14:09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	104	%	70-130	11.03.2020 14:09	
o-Terphenyl	84-15-1	119	%	70-130	11.03.2020 14:09	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-18@1.5'.**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-005	Date Collected:	11.02.2020 12:40	Sample Depth:	1.5 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.03.2020 14:29	U	1
Diesel Range Organics (DRO)	C10C28DRO	**399**	49.9	mg/kg	11.03.2020 14:29		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**179**	49.9	mg/kg	11.03.2020 14:29		1
Total TPH	PHC635	**578**	49.9	mg/kg	11.03.2020 14:29		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	101	%	70-130	11.03.2020 14:29	
o-Terphenyl	84-15-1	113	%	70-130	11.03.2020 14:29	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SW-10a @ 0.5'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-006	Date Collected:	11.02.2020 12:50	Sample Depth:	0.5 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	11.03.2020 14:48	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	11.03.2020 14:48	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	11.03.2020 14:48	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	11.03.2020 14:48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	11.03.2020 14:48	
o-Terphenyl	84-15-1	113	%	70-130	11.03.2020 14:48	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-23 @ 15"**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-007	Date Collected:	11.02.2020 13:00	Sample Depth:	15 In
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.03.2020 15:07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.03.2020 15:07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.03.2020 15:07	U	1
Total TPH	PHC635	<50	50	mg/kg	11.03.2020 15:07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	11.03.2020 15:07	
o-Terphenyl	84-15-1	108	%	70-130	11.03.2020 15:07	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SW-11a @ 0.5'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-008	Date Collected:	11.02.2020 13:10	Sample Depth:	0.5 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.03.2020 15:27	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.03.2020 15:27	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.03.2020 15:27	U	1
Total TPH	PHC635	<50	50	mg/kg	11.03.2020 15:27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	11.03.2020 15:27	
o-Terphenyl	84-15-1	120	%	70-130	11.03.2020 15:27	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-26 @ 1.5'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-009	Date Collected:	11.02.2020 13:20	Sample Depth:	1.5 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.03.2020 15:46	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.03.2020 15:46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.03.2020 15:46	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.03.2020 15:46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	11.03.2020 15:46	
o-Terphenyl	84-15-1	115	%	70-130	11.03.2020 15:46	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-27 @ 3'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-010	Date Collected:	11.02.2020 13:30	Sample Depth:	3 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.03.2020 16:05	U	1
Diesel Range Organics (DRO)	C10C28DRO	**68.1**	50.0	mg/kg	11.03.2020 16:05		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.03.2020 16:05	U	1
Total TPH	PHC635	**68.1**	50	mg/kg	11.03.2020 16:05		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	11.03.2020 16:05	
o-Terphenyl	84-15-1	116	%	70-130	11.03.2020 16:05	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-11 @ 4'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-011	Date Collected:	11.02.2020 13:40	Sample Depth:	4 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.03.2020 17:23	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.03.2020 17:23	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.03.2020 17:23	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.03.2020 17:23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	11.03.2020 17:23	
o-Terphenyl	84-15-1	116	%	70-130	11.03.2020 17:23	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-10 @ 4'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-012	Date Collected:	11.02.2020 13:50	Sample Depth:	4 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	11.03.2020 17:42	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	11.03.2020 17:42	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	11.03.2020 17:42	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	11.03.2020 17:42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	99	%	70-130	11.03.2020 17:42	
o-Terphenyl	84-15-1	115	%	70-130	11.03.2020 17:42	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-8 @ 4'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-013	Date Collected:	11.02.2020 14:00	Sample Depth:	4 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.03.2020 18:02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.03.2020 18:02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.03.2020 18:02	U	1
Total TPH	PHC635	<50	50	mg/kg	11.03.2020 18:02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	11.03.2020 18:02	
o-Terphenyl	84-15-1	119	%	70-130	11.03.2020 18:02	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-9 @ 4'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-014	Date Collected:	11.02.2020 14:10	Sample Depth:	4 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.03.2020 18:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.03.2020 18:21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.03.2020 18:21	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.03.2020 18:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	110	%	70-130	11.03.2020 18:21	
o-Terphenyl	84-15-1	128	%	70-130	11.03.2020 18:21	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SW-1 @ 2'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-015	Date Collected:	11.02.2020 14:20	Sample Depth:	2 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.03.2020 18:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	**54.4**	50.0	mg/kg	11.03.2020 18:40		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.03.2020 18:40	U	1
Total TPH	PHC635	**54.4**	50	mg/kg	11.03.2020 18:40		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	102	%	70-130	11.03.2020 18:40	
o-Terphenyl	84-15-1	118	%	70-130	11.03.2020 18:40	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-4 @ 4'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-016	Date Collected:	11.02.2020 14:30	Sample Depth:	4 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.03.2020 18:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.03.2020 18:59	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.03.2020 18:59	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.03.2020 18:59	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	96	%	70-130	11.03.2020 18:59	
o-Terphenyl	84-15-1	111	%	70-130	11.03.2020 18:59	

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TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-2 @ 4'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-017	Date Collected:	11.02.2020 14:40	Sample Depth:	4 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	11.03.2020 19:18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	11.03.2020 19:18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	11.03.2020 19:18	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	11.03.2020 19:18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	11.03.2020 19:18	
o-Terphenyl	84-15-1	111	%	70-130	11.03.2020 19:18	

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Certificate of Analytical Results 676697

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-3 @ 4'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-018	Date Collected:	11.02.2020 14:50	Sample Depth:	4 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.03.2020 19:37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.03.2020 19:37	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.03.2020 19:37	U	1
Total TPH	PHC635	<50	50	mg/kg	11.03.2020 19:37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	94	%	70-130	11.03.2020 19:37	
o-Terphenyl	84-15-1	109	%	70-130	11.03.2020 19:37	

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Certificate of Analytical Results 676697

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-5 @ 4'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-019	Date Collected:	11.02.2020 15:00	Sample Depth:	4 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.03.2020 19:57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.03.2020 19:57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.03.2020 19:57	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.03.2020 19:57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	11.03.2020 19:57	
o-Terphenyl	84-15-1	110	%	70-130	11.03.2020 19:57	

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Certificate of Analytical Results 676697

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**SS-6 @ 4'**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-020	Date Collected:	11.02.2020 15:10	Sample Depth:	4 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 11:00	% Moisture:	
Seq Number:	3141317			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.03.2020 20:16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.03.2020 20:16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.03.2020 20:16	U	1
Total TPH	PHC635	<50	50	mg/kg	11.03.2020 20:16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	11.03.2020 20:16	
o-Terphenyl	84-15-1	107	%	70-130	11.03.2020 20:16	

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Certificate of Analytical Results 676697

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**Duplicate-1**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-021	Date Collected:	11.02.2020 00:00		
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 15:00	% Moisture:	
Seq Number:	3141318			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.03.2020 21:53	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.03.2020 21:53	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.03.2020 21:53	U	1
Total TPH	PHC635	<50	50	mg/kg	11.03.2020 21:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	100	%	70-130	11.03.2020 21:53	
o-Terphenyl	84-15-1	115	%	70-130	11.03.2020 21:53	

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Certificate of Analytical Results 676697

TRC Solutions, Inc, Midland, TX

HEP:Lovington Booster

Sample Id:	**Duplicate-2**	Matrix:	Soil	Date Received:	11.03.2020 08:25
Lab Sample Id:	676697-022	Date Collected:	11.02.2020 00:00		
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.03.2020 15:00	% Moisture:	
Seq Number:	3141318			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.03.2020 22:50	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.03.2020 22:50	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.03.2020 22:50	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.03.2020 22:50	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	98	%	70-130	11.03.2020 22:50	
o-Terphenyl	84-15-1	113	%	70-130	11.03.2020 22:50	

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Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

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

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

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

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

+ NELAC certification not offered for this compound.

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

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QC Summary 676697

TRC Solutions, Inc

HEP:Lovington Booster

Analytical Method: **TPH by SW8015 Mod** Prep Method: SW8015P
Seq Number: 3141317 Matrix: Solid Date Prep: 11.03.2020
MB Sample Id: 7714442-1-BLK LCS Sample Id: 7714442-1-BKS LCSD Sample Id: 7714442-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	1030	103	1010	101	70-130	2	20	mg/kg	11.03.2020 11:52	
Diesel Range Organics (DRO)	<50.0	1000	1110	111	1130	113	70-130	2	20	mg/kg	11.03.2020 11:52	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	100		115		124		70-130	%	11.03.2020 11:52
o-Terphenyl	117		126		127		70-130	%	11.03.2020 11:52

Analytical Method: **TPH by SW8015 Mod** Prep Method: SW8015P
Seq Number: 3141318 Matrix: Solid Date Prep: 11.03.2020
MB Sample Id: 7714444-1-BLK LCS Sample Id: 7714444-1-BKS LCSD Sample Id: 7714444-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	916	92	937	94	70-130	2	20	mg/kg	11.03.2020 21:14	
Diesel Range Organics (DRO)	<50.0	1000	1070	107	1090	109	70-130	2	20	mg/kg	11.03.2020 21:14	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	102		103		118		70-130	%	11.03.2020 21:14
o-Terphenyl	121		113		116		70-130	%	11.03.2020 21:14

Analytical Method: **TPH by SW8015 Mod** Prep Method: SW8015P
Seq Number: 3141317 Matrix: Solid Date Prep: 11.03.2020
MB Sample Id: 7714442-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	11.03.2020 10:53	

Analytical Method: **TPH by SW8015 Mod** Prep Method: SW8015P
Seq Number: 3141318 Matrix: Solid Date Prep: 11.03.2020
MB Sample Id: 7714444-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	11.03.2020 20:55	

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

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

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

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QC Summary 676697

TRC Solutions, Inc

HEP:Lovington Booster

Analytical Method: **TPH by SW8015 Mod** Prep Method: SW8015P
Seq Number: 3141317 Matrix: Soil Date Prep: 11.03.2020
Parent Sample Id: 676697-001 MS Sample Id: 676697-001 S MSD Sample Id: 676697-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	875	88	874	87	70-130	0	20	mg/kg	11.03.2020 12:32	
Diesel Range Organics (DRO)	534	997	1070	54	1020	49	70-130	5	20	mg/kg	11.03.2020 12:32	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	111		102		70-130	%	11.03.2020 12:32
o-Terphenyl	111		113		70-130	%	11.03.2020 12:32

Analytical Method: **TPH by SW8015 Mod** Prep Method: SW8015P
Seq Number: 3141318 Matrix: Soil Date Prep: 11.03.2020
Parent Sample Id: 676697-021 MS Sample Id: 676697-021 S MSD Sample Id: 676697-021 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	940	94	945	95	70-130	1	20	mg/kg	11.03.2020 22:12	
Diesel Range Organics (DRO)	<49.9	997	1110	111	1170	117	70-130	5	20	mg/kg	11.03.2020 22:12	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	115		102		70-130	%	11.03.2020 22:12
o-Terphenyl	121		123		70-130	%	11.03.2020 22:12

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

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

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

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 676697

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Project Manager:	Cindy Crain	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr. Ste 150E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-215-6730	Email:	Cindy, Misti, Tania

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	HEP: Lovington Booster	Turn Around	☑ Routine ☐ Rush
Project Number:		Due Date:	
Project Location:	Lovington, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Misti Teinert		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR-5
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.5
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.3
Total Containers:		Corrected Temperature:	2.8

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: TPH 6015M
SW-7a @ 0.5'	S	11/2/20	1200	0.5'	G	1		X
SW-9a @ 0.5'			1210	0.5'				
SS-16 @ 1.5'			1220	1.5'				
SS-17 @ 1.5'			1230	1.5'				
SS-18 @ 1.5'			1240	1.5'				
SW-10a @ 0.5'			1250	0.5'				
SS-23 @ 15"			1300	15"				
SW-11a @ 0.5'			1310	0.5'				
SS-26 @ 1.5'			1320	1.5'				
SS-27 @ 3'			1330	3'				

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3: HN
H_2SO_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Misti Teinert		11/3/20	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 671697

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Project Manager:	Cindy Crain	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr, Ste 150E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-215-6730	Email:	Cindy, Misti, Tania

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	HEP: Lovington Booster	Turn Around	☑ Routine ☐ Rush
Project Number:		Due Date:	
Project Location:	Lovington, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Misti Trimert		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR-8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.5
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.3
Total Containers:		Corrected Temperature:	2.8

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: TPH 8015M	Sample Comments
SS-11 @ 4'	S	10/2/20	1340	4'	G	1		X	
SS-10 @ 4'			1350	4'					
SS-8 @ 4'			1400	4'					
SS-9 @ 4'			1410	4'					
SW-1 @ 2'			1420	2'					
SS-4 @ 4'			1430	4'					
SS-2 @ 4'			1440	4'					
SS-3 @ 4'			1450	4'					
SS-5 @ 4'			1500	4'					
SS-6 @ 4'			1510	4'					

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Misti Trimert	BGM	11/3/20	2		
3		1105	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 671497

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Project Manager:	Cindy Crain	Bill to: (if different)	
Company Name:	TRC	Company Name:	
Address:	10 Desta Dr. Ste 150E	Address:	
City, State ZIP:	Midland, TX 79705	City, State ZIP:	
Phone:	432-215-6730	Email:	Cindy, Misti, Tania

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	HEP: Lovington Booster	Turn Around	☑ Routine ☐ Rush
Project Number:		Pres. Code	
Project Location:	Lovington, NM	Due Date:	
Sampler's Name:	Misti Tiner +	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	IR-8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.5
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.5
Total Containers:		Corrected Temperature:	2.8

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: TPH 8015M	Sample Comments
Duplicate-1	S	11/2/20	—	—	G	1	X	
Duplicate-2	↓	↓	—	—	↓	↓	↓	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Misti T		11/3/20	2		
3		0985	4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: TRC Solutions, Inc

Date/ Time Received: 11.03.2020 08.25.00 AM

Work Order #: 676697

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR-8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	2.8
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6*Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Any missing/extra samples?	**No**
#9 Chain of Custody signed when relinquished/ received?	**Yes**
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**
#11 Container label(s) legible and intact?	**Yes**
#12 Samples in proper container/ bottle?	**Yes**
#13 Samples properly preserved?	**Yes**
#14 Sample container(s) intact?	**Yes**
#15 Sufficient sample amount for indicated test(s)?	**Yes**
#16 All samples received within hold time?	**Yes**
#17 Subcontract of sample(s)?	**N/A**
#18 Water VOC samples have zero headspace?	**N/A**

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

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 11.03.2020
Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 11.03.2020
Jessica Kramer

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Certificate of Analysis Summary 678245

TRC Solutions, Inc, Midland, TX

Project Name: Lovington Booster Station

Project Id:

Contact: Cindy Crain

Project Location: Lovington, NM

Date Received in Lab: Wed 11.18.2020 12:42

Report Date: 11.20.2020 15:27

Project Manager: Jessica Kramer

Analysis Requested											
	Lab Id:	678245-001		678245-002		678245-003					
	Field Id:	SS-18 @ 2'		SS-28 @ 1.5'		SW-7b @ 0.5'					
	Depth:	2- ft		1.5- ft		0.5- ft					
	Matrix:	SOIL		SOIL		SOIL					
	Sampled:	11.17.2020 10:00		11.17.2020 10:35		11.17.2020 10:45					
TPH by SW8015 Mod	***Extracted:***	11.18.2020 15:00		11.18.2020 15:00		11.18.2020 15:00					
	Analyzed:	11.19.2020 00:54		11.19.2020 01:13		11.19.2020 01:33					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<49.9	49.9	<50.0	50.0				
Diesel Range Organics (DRO)		<49.8	49.8	<49.9	49.9	<50.0	50.0				
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<49.9	49.9	<50.0	50.0				
Total TPH		<49.8	49.8	<49.9	49.9	<50	50				

BRL - Below Reporting Limit

Jessica Kramer

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

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Analytical Report 678245

for

TRC Solutions, Inc

Project Manager: Cindy Crain

Lovington Booster Station

11.20.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

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

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

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)

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11.20.2020

Project Manager: **Cindy Crain**
TRC Solutions, Inc
2057 Commerce
Midland, TX 79703

Reference: Eurofins Xenco, LLC Report No(s): **678245**
Lovington Booster Station
Project Address: Lovington, NM

Cindy Crain:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 678245. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 678245 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Jessica Kramer

Jessica Kramer
Project Manager

A Small Business and Minority Company

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

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Sample Cross Reference 678245

TRC Solutions, Inc, Midland, TX

Lovington Booster Station

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SS-18 @ 2'	S	11.17.2020 10:00	2 ft	678245-001
SS-28 @ 1.5'	S	11.17.2020 10:35	1.5 ft	678245-002
SW-7b @ 0.5'	S	11.17.2020 10:45	0.5 ft	678245-003

CASE NARRATIVE

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Client Name: TRC Solutions, Inc

Project Name: Lovington Booster Station

Project ID:
Work Order Number(s): *678245*

Report Date: *11.20.2020*
Date Received: *11.18.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

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Certificate of Analytical Results 678245

TRC Solutions, Inc, Midland, TX

Lovington Booster Station

Sample Id:	**SS-18 @ 2'**	Matrix:	Soil	Date Received:	11.18.2020 12:42
Lab Sample Id:	678245-001	Date Collected:	11.17.2020 10:00	Sample Depth:	2 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.18.2020 15:00	% Moisture:	
Seq Number:	3142733			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	11.19.2020 00:54	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8	mg/kg	11.19.2020 00:54	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	11.19.2020 00:54	U	1
Total TPH	PHC635	<49.8	49.8	mg/kg	11.19.2020 00:54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-130	11.19.2020 00:54	
o-Terphenyl	84-15-1	101	%	70-130	11.19.2020 00:54	

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Certificate of Analytical Results 678245

TRC Solutions, Inc, Midland, TX

Lovington Booster Station

Sample Id:	**SS-28 @ 1.5'**	Matrix:	Soil	Date Received:	11.18.2020 12:42
Lab Sample Id:	678245-002	Date Collected:	11.17.2020 10:35	Sample Depth:	1.5 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.18.2020 15:00	% Moisture:	
Seq Number:	3142733			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	11.19.2020 01:13	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	11.19.2020 01:13	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	11.19.2020 01:13	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	11.19.2020 01:13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-130	11.19.2020 01:13	
o-Terphenyl	84-15-1	102	%	70-130	11.19.2020 01:13	

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Certificate of Analytical Results 678245

TRC Solutions, Inc, Midland, TX

Lovington Booster Station

Sample Id:	**SW-7b @ 0.5'**	Matrix:	Soil	Date Received:	11.18.2020 12:42
Lab Sample Id:	678245-003	Date Collected:	11.17.2020 10:45	Sample Depth:	0.5 ft
Analytical Method:	TPH by SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	11.18.2020 15:00	% Moisture:	
Seq Number:	3142733			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	11.19.2020 01:33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	11.19.2020 01:33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	11.19.2020 01:33	U	1
Total TPH	PHC635	<50	50	mg/kg	11.19.2020 01:33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	87	%	70-130	11.19.2020 01:33	
o-Terphenyl	84-15-1	103	%	70-130	11.19.2020 01:33	

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Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

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

RL Reporting Limit

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

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

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

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

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

+ NELAC certification not offered for this compound.

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

QC Summary 678245

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TRC Solutions, Inc

Lovington Booster Station

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3142733 — Matrix: Solid — Date Prep: 11.18.2020
MB Sample Id: 7715497-1-BLK — LCS Sample Id: 7715497-1-BKS — LCSD Sample Id: 7715497-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	922	92	964	96	70-130	4	20	mg/kg	11.18.2020 17:56	
Diesel Range Organics (DRO)	<50.0	1000	903	90	948	95	70-130	5	20	mg/kg	11.18.2020 17:56	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	92		96		100		70-130	%	11.18.2020 17:56
o-Terphenyl	115		107		114		70-130	%	11.18.2020 17:56

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3142733 — Matrix: Solid — Date Prep: 11.18.2020
MB Sample Id: 7715497-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	11.18.2020 17:36	

Analytical Method: TPH by SW8015 Mod — Prep Method: SW8015P
Seq Number: 3142733 — Matrix: Soil — Date Prep: 11.18.2020
Parent Sample Id: 678242-001 — MS Sample Id: 678242-001 S — MSD Sample Id: 678242-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	904	91	1010	101	70-130	11	20	mg/kg	11.18.2020 18:57	
Diesel Range Organics (DRO)	<49.9	997	979	98	1010	101	70-130	3	20	mg/kg	11.18.2020 18:57	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	94		101		70-130	%	11.18.2020 18:57
o-Terphenyl	103		105		70-130	%	11.18.2020 18:57

MS/MSD Percent Recovery — [D] = 100*(C-A) / B
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery — [D] = 100 * (C) / [B]
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

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

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

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 678245

www.xenco.com Page _____ of _____

Project Manager:	Cindy Crain	Bill to: (if different)	TRC
Company Name:	TRC	Company Name:	
Address:	10 Desta Drive Ste. 150E	Address:	
City, State ZIP:	Midland, TX, 79705	City, State ZIP:	
Phone:	4322156750	Email:	CKCrain@trccompanies.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lovington Booster Station	Turn Around	2 day
Project Number:		Routine ☐ Rush	Res. Code
Project Location:	Lovington, NM	Due Date:	
Sampler's Name:	Scott Stanley	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	R8	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	0.5	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.6	
Total Containers:		Corrected Temperature:	-0.1	

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	TPH 8015M	Sample Comments
SS-1 @ 2'	S	11/17/2020	10:00	2'	Grab	1	X	
SS-2 @ 1.5'	S	11/17/2020	10:35	1.5'	Grab	1	X	
SW-7 @ 0.5'	S	11/17/2020	10:45	0.5'	Grab	1	X	

Parameters

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		11/18/2020 12:41	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: TRC Solutions, Inc

Date/ Time Received: 11.18.2020 12.42.57 PM

Work Order #: 678245

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR8

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

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

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 11.18.2020

Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 11.19.2020

Jessica Kramer

Appendix D: Waste Manifests

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

VOLUME: 1,200 cubic yards 20 Yards

1. Load
2. Load

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan

Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

RDR EAGLE
20 YDS
TKt #56

Name: [illegible]

Signature: [illegible]

Date: 11-30-20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature: [illegible]

Date: 11/30/20

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

1. Load - 20 yds
2. Load - 20 yds

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

VOLUME: 1,200 cubic yards

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan

Date: 11-25-2020
30

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

Truck # 151
20 yds.
LOAD # 1
LOAD # 2

Name: Manuel M. Mata

Signature: M. Mata

Date: 11-30-20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature: J Martinez

Date: 11/30/20

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

VOLUME: 1,200 cubic yards

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan

Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

RICARDOS OILFIELD S.
20 YARDS
TRUCK #09

Name: RICARDO GRACE

Signature: Ricardo

Date: 11-30-20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature: JM

Date: 11/30/20

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

loads - 11

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

1. Load
2- Load

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

VOLUME: 1,200 cubic yards 20 yards

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan

Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

RDR
TK
20 yds #8

Name: Omar

Signature:

Date: 11-30-20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature:

Date: 11/30/20

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

VOLUME: 1,200 cubic yards

Load: 1 20 SA
2 20 SA

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM 88210

Signature: Melanie Nolan
Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

T. 51

Name: Silvestre
Signature: Silvestre Arce
Date: 11-30-20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature: TM Mullins
Date: 11/30/20

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

XTO Energy Inc.
3104 E. Greene St.
Carlsbad, NM 88220

LOCATION OF MATERIAL:

Site: Seven Rivers Queen North 7
Legals: UL/ J Sec 4 T22S - R36E
Location: Lea County, New Mexico
API/NMOCD: 30-025-08776

TRANSPORTERS NAME AND ADDRESS:
ETech Environmental
3100 Plains Hwy
Lovington, NM 88260

DESCRIPTION OF WASTE:

E&P Exempt

VOLUME: 20 yds

Load #	Volume(yds)	Driver Initial
1	MM	20
2	M M	20
3		
4		
5		

FACILITY CONTACT:

Amy Ruth
3104 E. Greene St.
Carlsbad, NM 88220

Signature: c/o Amy Ruth

Date:

NAME OF TRANSPORTER: (DRIVER)

ETech Environmental
M. Mata Trucking
Truck #150

Name: Manuel M.

Signature:

Date: 11-25-20

DISPOSAL SITE:
R360 Halfway Facility
4507 W Carlsbad Hwy
Hobbs, NM 88241

Signature: SM

Date: 11/25/20

Direct Bill: XTO Energy Inc.
Care Of: Amy Ruth

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

1 Load
2- Load

VOLUME: 1,200 cubic yards

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan

Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

JTARIN TRK
07
20 YDS

Load # 1/2

Name: Kike Perez

Signature: Kike Perez

Date: 11-30-20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature:

Date: 11/30/20

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178598
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	11/30/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	11/30/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	RICARDO'S OILFIELD SERVICE	Well #:	
Driver	RICARDO	Field:	
Truck #	09	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01GSV2

11/30/2020 2:28:21PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178483
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	11/30/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	11/30/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	RICARDO'S OILFIELD SERVICE	Well #:	
Driver	RICARDO	Field:	
Truck #	09	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01GSMF

11/30/2020 10:49:47AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178608
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	11/30/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	11/30/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	RDR EAGLE TRUCKING	Well #:	
Driver	RICARDO	Field:	
Truck #	56	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178487
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	11/30/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	11/30/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	RDR EAGLE TRUCKING	Well #:	
Driver	RICARDO	Field:	
Truck #	56	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178588
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	11/30/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	11/30/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	J TARIN TRUCKING	Well #:	
Driver	KIKE	Field:	
Truck #	07	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature Kika Parker

R360 Representative Signature _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01GSTB 11/30/2020 2:07:27PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178491
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	11/30/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	11/30/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	RDR EAGLE TRUCKING	Well #:	
Driver	OMAR	Field:	
Truck #	8	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01GSND

11/30/2020 11:12:35AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178625
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	11/30/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	11/30/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	RDR EAGLE TRUCKING	Well #:	
Driver	OMAR	Field:	
Truck #	8	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01GSWJ

11/30/2020 2:58:25PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178477
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	11/30/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	11/30/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	J TARIN TRUCKING	Well #:	
Driver	KIKE	Field:	
Truck #	07	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature Kike Tarin

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01GSL5

11/30/2020 10:35:50AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178478
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	11/30/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	11/30/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	M Mata Trucking LLC	Well #:	
Driver	SILVESTRE	Field:	
Truck #	51	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178580
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	11/30/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	11/30/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	M Mata Trucking LLC	Well #:	
Driver	SILVESTRE	Field:	
Truck #	51	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	XTO ENERGY INC	Ticket #:	700-1177914
Customer #:	CRI6090	Bid #:	O6UJ9A000FPI
Ordered by:	AMY RUTH	Date:	11/25/2020
AFE #:		Generator:	XTO ENERGY, INC.
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	08776
Manif. Date:	11/25/2020	Well Name:	SEVEN RIVERS QUEEN WATI
Hauler:	M Mata Trucking LLC	Well #:	007
Driver	MANUEL	Field:	
Truck #	150	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01GR4T

11/25/2020 7:30:13AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	XTO ENERGY INC	Ticket #:	700-1177932
Customer #:	CRI6090	Bid #:	O6UJ9A000FPI
Ordered by:	AMY RUTH	Date:	11/25/2020
AFE #:		Generator:	XTO ENERGY, INC.
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	08776
Manif. Date:	11/25/2020	Well Name:	SEVEN RIVERS QUEEN WATI
Hauler:	M Mata Trucking LLC	Well #:	007
Driver	MANUEL	Field:	
Truck #	150	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178476
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	11/30/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	11/30/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	M Mata Trucking LLC	Well #:	
Driver	MANUEL	Field:	
Truck #	151	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01GSKY

11/30/2020 10:35:33AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178577
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	11/30/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	11/30/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	M Mata Trucking LLC	Well #:	
Driver	MANUEL	Field:	
Truck #	151	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01GSSB 11/30/2020 1:52:28PM

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

1. Load
2. Load
3. Load

VOLUME: 1,200 cubic yards 20 Yards

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan

Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking, RDRE
PO BOX 1263,
Hobbs, NM, 88241

RDR trucking #56

Name: Ricardo Chavez

Signature:

Date: 12-1-20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature:

Date: 12/1

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

1. Load
2 Load

VOLUME: 1,200 cubic yards 20 YARDS 3 - Load

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan

Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

RAMOS OILFIELD
20 YARDS
TRUCK #09

Name: RICARDO CHAVEZ

Signature: Ricardo

Date: 12-01-20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature: T Mathews

Date: 12/1/20

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

VOLUME: 1,200 cubic yards

1 Load
2 Load
3 Load
20 Yards

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan

Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

RDR Eagle TK
Truck #8
20 Yds

Name: Omar Vega

Signature:

Date: 12-1-20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature:

Date: 12/1/20

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

VOLUME: 1,200 cubic yards

LOAD # 1
Load + 2
Load #3

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan
Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

TRUCK 151
20 YDS.

Name: Manuel Mata
Signature:
Date: 12-1-20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature:
Date: 12/1

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

1 Load
2 Load
3 Load

VOLUME: 1,200 cubic yards 20 yds

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan

Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

1 Tarin Truck
07
20 yds

Name: Kike Perez

Signature: Kike Perez

Date: 12/1/20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature: [signature]

Date: 12/1

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178959
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	12/1/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	07	Well Ser. #:	999908
Manif. Date:	12/1/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	M Mata Trucking LLC	Well #:	
Driver	KIKE	Field:	
Truck #	07	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	28	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178889
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	12/1/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	12/1/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	J TARIN TRUCKING	Well #:	
Driver	KIKE	Field:	
Truck #	07	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature Kika Perez

R360 Representative Signature _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY
Customer #:	CRI3200
Ordered by:	MELANIE NOLAN
AFE #:	
PO #:	
Manifest #:	151
Manif. Date:	12/1/2020
Hauler:	M Mata Trucking LLC
Driver	MANUEL
Truck #	151
Card #	
Job Ref #	

Ticket #:	700-1178952
Bid #:	Walk-in Bid
Date:	12/1/2020
Generator:	Holly Energy
Generator #:	
Well Ser. #:	999908
Well Name:	LOVINGTON BOOSTER STAT
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	28	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178876
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	12/1/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	12/1/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	RDR EAGLE TRUCKING	Well #:	
Driver	RICARDO	Field:	
Truck #	56	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178943
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	12/1/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	12/1/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	RDR EAGLE TRUCKING	Well #:	
Driver	RICARDO	Field:	
Truck #	56	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178872
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	12/1/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	12/1/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	M Mata Trucking LLC	Well #:	
Driver	RICARDO	Field:	
Truck #	09	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178939
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	12/1/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	12/1/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	M Mata Trucking LLC	Well #:	
Driver	RICARDO	Field:	
Truck #	09	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178859
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	12/1/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	12/1/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	RDR EAGLE TRUCKING	Well #:	
Driver	OMAR	Field:	
Truck #	8	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178927
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	12/1/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	12/1/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	RDR EAGLE TRUCKING	Well #:	
Driver	OMAR	Field:	
Truck #	8	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1178887
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	12/1/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	12/1/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	M Mata Trucking LLC	Well #:	
Driver	MANUEL	Field:	
Truck #	151	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	20.00	yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY
Customer #:	CRI3200
Ordered by:	MELANIE NOLAN
AFE #:	
PO #:	
Manifest #:	56
Manif. Date:	12/1/2020
Hauler:	M Mata Trucking LLC
Driver	RICARDO
Truck #	56
Card #	
Job Ref #	

Ticket #:	700-1179021
Bid #:	Walk-in Bid
Date:	12/1/2020
Generator:	Holly Energy
Generator #:	
Well Ser. #:	999908
Well Name:	LOVINGTON BOOSTER STAT
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	28	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY	Ticket #:	700-1179016
Customer #:	CRI3200	Bid #:	Walk-in Bid
Ordered by:	MELANIE NOLAN	Date:	12/1/2020
AFE #:		Generator:	Holly Energy
PO #:		Generator #:	
Manifest #:	09	Well Ser. #:	999908
Manif. Date:	12/1/2020	Well Name:	LOVINGTON BOOSTER STAT
Hauler:	M Mata Trucking LLC	Well #:	
Driver	RICARDO	Field:	
Truck #	09	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	20.00	yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	28	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	HOLLY ENERGY
Customer #:	CRI3200
Ordered by:	MELANIE NOLAN
AFE #:	
PO #:	
Manifest #:	08
Manif. Date:	12/1/2020
Hauler:	M Mata Trucking LLC
Driver	OMAR
Truck #	08
Card #	
Job Ref #	

Ticket #:	700-1179014
Bid #:	Walk-in Bid
Date:	12/1/2020
Generator:	Holly Energy
Generator #:	
Well Ser. #:	999908
Well Name:	LOVINGTON BOOSTER STAT
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	20.00	yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	28	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name Melanie Nuta
Phone No.

GENERATOR

NO. 487560

Operator No.
Operators Name Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Lovington Booster Station
County
API No.
Rig Name & No. N/A
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	✓	Truck Washout (exempt waste)		Belly Dump	
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other — *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name M-Nuta
Address
Phone No.

Driver's Name Manuel
Print Name
Phone No.
Truck No. 151

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 12/1 | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No. 5015

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

Melanie Nuta | 12/1 | |

NAME (PRINT) | DATE | TITLE | SIGNATURE

White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. 486023

Operator No.
Operators Name: Holly Partners
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No.: Lovington Booster
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	**INTERNAL USE ONLY**	**OTHER EXEMPT WASTES** (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	
E&P Contaminated Soil: 20		
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity

Non-Exempt Other — *please select from **Non-Exempt Waste List** on back*

QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

Melanie Nolan — (PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.

Driver's Name: Luke Ford
Print Name
Phone No.
Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE: 12-1-20 | DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: OUT:

DISPOSAL FACILITY

Site Name/ Permit No.: Halfway Facility / NM1-006
Address: 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No.: 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO — If YES, was reading > 50 micro roentgens? (circle one) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

RECEIVING AREA

Name/No.

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

JR — NAME (PRINT) | 12/1/20 — DATE | TITLE | SIGNATURE

-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

VOLUME: 1,200 cubic yards

Load- 1
load-2
20 yards

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan

Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

Ricardo Olivares

20 YARD
TURK #09

Name: RICARDO

Signature: Ricardo

Date: 12-02-20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature:

Date: 12/2/20

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

DESCRIPTION OF WASTE: Load-1

E&P NON-EXEMPT SOIL

VOLUME: 1,200 cubic yards 20 yards

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan

Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

TK #07

Name: Jonathan Palomares

Signature: Jon

Date: 12/02/20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature: YM

Date: 12/2

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS: Load-1
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241
20 yds

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

VOLUME: 1,200 cubic yards

FACILITY CONTACT: Load 1 Load 1 Load 1

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan

Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER) TARIN TRUCKING #07

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

Name: JOSE T.

Signature:

Date: 12-2-20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature:

Date: 12/2

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

VOLUME: 1,200 cubic yards

1 Load
2 load
3 Load

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan

Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

RDR Trucking
TK # 8
20 yds

Name: Omar Vega

Signature:

Date: 12-2-20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature:

Date: 12/2/20

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:
M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

VOLUME: 1,200 cubic yards

120 SA
2 20 SA
3 20 SA
Loads

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan
Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

TRUCK :51

Name: Silvestre
Signature: Silvestre
Date: 12/2/20

DISPOSAL SITE:
R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature:
Date: 12/2/20

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name MELANIE
Phone No.

GENERATOR

NO. 486029

Operator No. HOLLY ENERGY
Operators Name Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No. Lease/Well
Name & No. LOVINGTON BOSTEN
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Muds		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Oil Based Cuttings		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Muds		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Water Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Produced Formation Solids		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
Tank Bottoms		Truck Washout (exempt waste)			
E&P Contaminated Soil	1				
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY		B - BARRELS	L - LIQUID	20	Y - YARDS	E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

M.F. LANE — (PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name J TAPIA TRUCKING
Address
Phone No.

Driver's Name JOSE T.
Print Name
Phone No.
Truck No. 07

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | 12-2-20 DELIVERY DATE | DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No.

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | 12/2/20 DATE | TITLE | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name Nathaniel Allen
Phone No.

GENERATOR

NO. 487246

Operator No.
Operators Name Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Livingston Booster Station
County
API No.
Rig Name & No. N/A
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	✓	Truck Washout (exempt waste)		Billy	
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☑ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name J Trina
Address
Phone No.

Driver's Name Jose
Print Name
Phone No.
Truck No. 67

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No. 3091

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name Melanie Nolan
Phone No.

GENERATOR

NO. 486028

Operator No.
Operators Name Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Loungton Booster Station
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)			
Oil Based Muds	NON-INJECTABLE WATERS		INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)		Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)		Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil ✓	Truck Washout (exempt waste)		
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY 20 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) Load 1

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name J Tann
Address
Phone No.

Driver's Name Jose
Print Name
Phone No.
Truck No. 07

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 12/2/20 | DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 50/51

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE 12/2/20 | TITLE | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

Operators Name: Holly Pantheres
Address:
City, State, Zip:
Phone No.

Permit/RRC No.:
Lease/Well Name & No.: Lovington Booster D
County:
API No.:
Rig Name & No.:
AFE/PO No.:

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)			
Oil Based Muds	NON-INJECTABLE WATERS		INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)		Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)		Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)		
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other: *please select from **Non-Exempt Waste List** on back

QUANTITY: B - BARRELS L - LIQUID 70 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name:
Address:
Phone No.:

Driver's Name:
Print Name: Omar Vega
Phone No.:
Truck No.:

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No.

Site Name/ Permit No.: Halfway Facility / NM1-006
Phone No.: 575-393-1079
Address: 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

JP | 10/7/20 | |

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. 486031

Operator No.
Operators Name: Holly Drothers
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No.: Lovington Booster Sd.
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	X	Truck Washout (exempt waste)			
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back*

QUANTITY | B - BARRELS | L - LIQUID | 20 Y - YARDS | E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

Melanie Nolan — (PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.

Driver's Name: Jonathan B.
Print Name
Phone No.
Truck No.: 04

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | 12/1/20 DELIVERY DATE | Jonathan DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

Site Name/ Permit No.: Halfway Facility / NM1-006
Address: 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No.: 575-393-1079

RECEIVING AREA

Name/No.

NORM READINGS TAKEN? (Circle One) YES NO — If YES, was reading > 50 micro roentgens? (circle one) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) | 12/1/20 DATE | TITLE | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name

Phone No.

GENERATOR

NO. 486023

Operator No.

Operators Name Holly Energy

Address

City, State, Zip

Phone No.

Permit/RRC No.

Lease/Well Name & No. Lovington Booster

County

API No.

Rig Name & No.

AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	2	Truck Washout (exempt waste)			
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID 6 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name

Address

Phone No.

Driver's Name Luke Yuen

Print Name

Phone No.

Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No.

Site Name/ Permit No. Halfway Facility / NM1-006

Phone No. 575-393-1079

Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) DATE TITLE SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name Melanie Dulan
Phone No.

GENERATOR

NO. 487117

Operator No.
Operators Name Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Lovington Booster Station
County
API No.
Rig Name & No. N/A
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	✓	Truck Washout (exempt waste)		Belly Dump	
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back*

QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name RDR
Address
Phone No.

Driver's Name Orlando Portillo
Print Name
Phone No.
Truck No. 8

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE 12/2 DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. SWD 1

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

Orlando Portillo 12/2 Driver

NAME (PRINT) DATE TITLE SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name Mallace
Phone No. [illegible]

GENERATOR

NO. 487265

Operator No.
Operators Name Hilcy Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. (Winston Booster Station)
County
API No.
Rig Name & No. N/A
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	✓	Truck Washout (exempt waste)		Belly	
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☑ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name M. Mata
Address
Phone No.

Driver's Name Ricardo
Print Name
Phone No.
Truck No. 09

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 12/2 | DRIVER'S SIGNATURE Ricardo Chavez

TRUCK TIME STAMP

IN: OUT:

DISPOSAL FACILITY

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

RECEIVING AREA

Name/No. 5054

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) Mallace | DATE 12/2 | TITLE AM | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name Mahone Nolan
Phone No.

GENERATOR

NO. 487244

Operator No.
Operators Name Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Livingston Booster Station
County
API No.
Rig Name & No. N/A
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	✓	Truck Washout (exempt waste)		Billy Ound	
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name M Mata
Address
Phone No.

Driver's Name Ricardo
Print Name
Phone No.
Truck No. 09

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE 12/7 DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 5057

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) DATE 12/7 TITLE SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. 486030

Operator No.
Operators Name: Holly Permian
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No.: Lovington Boosta St.
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	X	Truck Washout (exempt waste)			
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE: Lorenzo Chavez

TRANSPORTER

Transporter's Name
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No.

Site Name/ Permit No.: Halfway Facility / NM1-006
Phone No.: 575-393-1079
Address: 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE: 12/15/20 | TITLE | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name

Phone No.

GENERATOR

NO. 392176

Operator No. Holly Energy Partners

Operators Name

Address

City, State, Zip

Phone No.

Permit/RRC No. Lease/Well

Name & No. Lovington Booster St

County

API No. Leg

Rig Name & No. N/A

AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	20	Truck Washout (exempt waste)			
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name M MA 1A TRUCKING

Address

Phone No.

Driver's Name Jonathan

Print Name

Phone No.

Truck No. 07

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

11-2-20 SHIPMENT DATE | Jonathan DRIVER'S SIGNATURE | 12/31/20 DELIVERY DATE | Jonathan DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No. SOUTH

Site Name/ Permit No. Halfway Facility / NM1-006

Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

Yolanda 12-31-20 DL

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name Melanie Nolan
Phone No.

GENERATOR

NO. 486027

Operator No.
Operators Name Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Lovington Booster Station
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms	✓	INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil		Truck Washout (exempt waste)			
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY 20 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name M Mata Truck
Address
Phone No.

Driver's Name Jonathan
Print Name
Phone No.
Truck No. 07

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 12/2/20 | DRIVER'S SIGNATURE X Jonathan

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 50/51

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) JD | DATE 12/2/20 | TITLE Mgr | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact information

Name Melanie Nelson

Phone No.

GENERATOR

NO. 487116

Operator No.

Operators Name Holly Energy

Address

City, State, Zip

Phone No.

Permit/RRC No. Lease/Well Name & No. Livingston Booster Station

County

API No.

Rig Name & No. N/A

AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	✓	Truck Washout (exempt waste)		Billy Dump	
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name M Mata

Address

Phone No.

Driver's Name S Ivestre

Print Name

Phone No.

Truck No. 51

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 12/2 | DRIVER'S SIGNATURE X S Ivestre

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No. 50157

Site Name/ Permit No. Halfway Facility / NM1-006

Phone No. 575-393-1079

Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

G Martinez | 12/2 | Dis | SIGNATURE

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. 487101

Operator No.
Operators Name: Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No.: Wingate Booster Station
County
API No.
Rig Name & No.: N/A
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	✓	Truck Washout (exempt waste)		Belly	
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☒ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other — *please select from **Non-Exempt Waste List** on back*

QUANTITY — B - BARRELS — L - LIQUID — 20 Y - YARDS — E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME — DATE — SIGNATURE

TRANSPORTER

Transporter's Name: RDR
Address
Phone No.

Driver's Name: Omar
Print Name
Phone No.
Truck No.: 8

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE — DRIVER'S SIGNATURE — DELIVERY DATE: 1/7/21 — DRIVER'S SIGNATURE: X

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No.: SWD 151

Site Name/ Permit No.: Halfway Facility / NM1-006
Address: 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No.: 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO — If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED — If denied, why?

NAME (PRINT) — DATE: 1/7/2 — TITLE — SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name Melanie Fulton
Phone No.

GENERATOR

NO. 487246

Operator No.
Operators Name Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Livingston Booster Station
County
API No.
Rig Name & No. w/A
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	✓	Truck Washout (exempt waste)		BS&W	
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☑ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name J Trin
Address
Phone No.

Driver's Name Jose
Print Name
Phone No.
Truck No. 07

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE | DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 30/31

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name Melanie Nolan
Phone No.

GENERATOR

NO. 486026

Operator No.
Operators Name Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Lovington Booster Station
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	✓	Truck Washout (exempt waste)			
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other 12/2/20 *please select from **Non-Exempt Waste List** on back

QUANTITY 20 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name M Mata Trucking
Address
Phone No.

Driver's Name Silvestre
Print Name
Phone No.
Truck No. 51

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 12/2/20 | DRIVER'S SIGNATURE X Silvestre

TRUCK TIME STAMP

IN: OUT:

DISPOSAL FACILITY

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

RECEIVING AREA

Name/No. 80/81

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) JP | DATE 12/2/20 | TITLE CMAN | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name Melanie Mata
Phone No.

GENERATOR

NO. 487266

Operator No.
Operators Name Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Covington Booster Station
County
API No.
Rig Name & No. N/A
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	✓	Truck Washout (exempt waste)		Bully	
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☑ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name RDR
Address
Phone No.

Driver's Name Ricardo
Print Name
Phone No.
Truck No. 34

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 12/2 | DRIVER'S SIGNATURE XManuel Baberrama

TRUCK TIME STAMP

IN: OUT:

DISPOSAL FACILITY

Site Name/Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

RECEIVING AREA

Name/No. SWD 1

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE 12/2 | TITLE DM | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. 487245

Operator No.
Operators Name: Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No.: Lovington Booster Station
County
API No.
Rig Name & No.: N/A
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	✓	Truck Washout (exempt waste)		Holly Blend	
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☑ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other — *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME — DATE — SIGNATURE

TRANSPORTER

Transporter's Name: RDR
Address
Phone No.

Driver's Name: Ricardo
Print Name
Phone No.
Truck No.: 5

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE — DRIVER'S SIGNATURE — DELIVERY DATE — DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No.

Site Name/ Permit No.: Halfway Facility / NM1-006
Address: 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No.: 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) — DATE — TITLE — SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name Melanie Nolan
Phone No.

GENERATOR

NO. 487244

Operator No.
Operators Name Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Lovington Buster Station
County
API No.
Rig Name & No. N/A
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	✓	Truck Washout (exempt waste)		Belly Dump	
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name M Mata
Address
Phone No.

Driver's Name Ricardo
Print Name
Phone No.
Truck No. 09

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 1/12 | DRIVER'S SIGNATURE Ricardo Mata

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No. 5015

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load/material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE 1/12 | TITLE | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name Melanie Nunn
Phone No.

GENERATOR

NO. 487265

Operator No.
Operators Name Hilcy Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. (Winston Booster Station)
County
API No.
Rig Name & No. N/A
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Muds	Washout Water (Non-Injectable)	Washout Water (Injectable)
Oil Based Cuttings	Completion Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds	Produced Water (Non-Injectable)	Produced Water (Injectable)
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	Gathering Line Water/Waste (Injectable)
Produced Formation Solids	INTERNAL USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms ✓	Truck Washout (exempt waste)	Belly
E&P Contaminated Soil		
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☑ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name M. Maxa
Address
Phone No.

Driver's Name Ricardo
Print Name
Phone No.
Truck No. 09

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below:

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 11/2 | DRIVER'S SIGNATURE Ricardo Chavez

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No. 5017

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load/material has been (circle one): ACCEPTED DENIED If denied, why?

P Martinez | 11/2 | AM | SIGNATURE

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name
Phone No.

GENERATOR

NO. 486024

Operator No.
Operators Name Holly Daniels
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Lovington Booster St.
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	Y	Truck Washout (exempt waste)			
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

Melanie Nolan
(PRINT) AUTHORIZED AGENTS NAME — DATE — SIGNATURE

TRANSPORTER

Transporter's Name
Address
Phone No.

Driver's Name Silvestre
Print Name
Phone No.
Truck No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE — DRIVER'S SIGNATURE — 12/02/20 DELIVERY DATE — Silvestre Arce DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No.

Site Name/Permit No. Halfway Facility / NM1-006
Phone No. 575-393-1079
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO — If YES, was reading > 50 micro roentgens? (circle one) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

[illegible] — 12/2/20 DATE — TITLE

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name McGuire
Phone No.

GENERATOR

NO. 392176

Operator No. Holly Energy Partners
Operators Name
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Lovington Booster St
County Lea
API No. N/A
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	20	Truck Washout (exempt waste)			
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY B - BARRELS L - LIQUID 20 Y - YARDS E - EACH

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name M MA TA Trucking
Address
Phone No.

Driver's Name Jonathan
Print Name
Phone No.
Truck No. 07

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

12/02/20 | Jonathan | 12/02/20 | Jonathan
SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No. SWD

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

Jonathan | 12/2 | Driver | Jonathan
NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name Melanie Nolan
Phone No.

GENERATOR

NO. 486027

Operator No.
Operators Name Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Lovington Booster Station
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms	✓	INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil		Truck Washout (exempt waste)			
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY 20 B - BARRELS L - LIQUID Y - YARDS E - EACH

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☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

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☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name M Mata Truck
Address
Phone No.

Driver's Name Jonathan
Print Name
Phone No.
Truck No. 07

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 12/2/20 | DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 50/51

Site Name/Permit No. Halfway Facility / NM1-006
Phone No. 575-393-1079
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | DATE 12/2/20 | TITLE | SIGNATURE

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R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information
Name Melanie Nolan
Phone No.

GENERATOR

NO. 486028

Operator No.
Operators Name Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Loungton Booster Station
County
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil	✓	Truck Washout (exempt waste)			
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

QUANTITY 20 B - BARRELS L - LIQUID Y - YARDS E - EACH

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(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name J Tann
Address
Phone No.

Driver's Name Jose
Print Name
Phone No.
Truck No. 07

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE 12/2/20 DRIVER'S SIGNATURE

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. 50/51

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) JD DATE 12/2/20 TITLE mgr SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

TRANSPORTER'S MANIFEST

SHIPPERS FACILITY NAME AND ADDRESS:

Holly Energy Partners
1602 W. Main Street
Artesia, NM88210

LOCATION OF MATERIAL:

Site: Lovington Booster Station
Location: 32.87410145, -103.30126395
Lea County, New Mexico
NMPA: N/A

TRANSPORTERS NAME AND ADDRESS:

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

DESCRIPTION OF WASTE:

E&P NON-EXEMPT SOIL

VOLUME: 1,200 cubic yards

1 20 Yards SA
2 20 Yard SA

FACILITY CONTACT:

Melanie Nolan
Holly Energy Partners
1602 W. Main St., Artesia, NM88210

Signature: Melanie Nolan
Date: 11-23-2020

NAME OF TRANSPORTER: (DRIVER)

M Mata Trucking,
PO BOX 1263,
Hobbs, NM, 88241

TKT 51

Name: Silvestre
Signature: Silvestre
Date: 12/3/20

DISPOSAL SITE:

R360 Hobbs Facility
MM66 Carlsbad Hwy
Hobbs, NM 88241

Signature:
Date: 12/3/20

Direct Bill: Holly Energy Partners PO # 301236
Care Of: Melanie Nolan

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

R360 ENVIRONMENTAL SOLUTIONS

Company Man Contact Information
Name Melanie Nolen
Phone No.

NO. 487176

GENERATOR

Operator No.
Operators Name Holly Energy
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. Livingston Booster Station
County
API No.
Rig Name & No.
AFE/PO No. N/A

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Muds		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Oil Based Cuttings		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Muds		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Water Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Produced Formation Solids		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
Tank Bottoms		Truck Washout (exempt waste)			
E&P Contaminated Soil	✓				
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

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All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

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(PRINT) AUTHORIZED AGENTS NAME | DATE | SIGNATURE

TRANSPORTER

Transporter's Name M. Mata
Address
Phone No.

Driver's Name Silvestre
Print Name
Phone No.
Truck No. 51

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE 12/3 | DRIVER'S SIGNATURE Silvestre

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-393-1079

RECEIVING AREA
Name/No. 50/51

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO
If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

M Martinez | 12/3 | RCA | J Mar

NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

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

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

CONDITIONS

Action 16559

CONDITIONS

Operator: HOLLY ENERGY PARTNERS - OPERATING, LP 1602 W. Main St. Artesia, NM 88210	OGRID: 282505
	Action Number: 16559
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
ceads	None	6/16/2021