Form C-141
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State of New Mexico
Oil Conservation Division

Incident ID	nRM2002151575
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?	>80 (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.

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State of New Mexico
Oil Conservation Division

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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: Matt Buckles Title: Land, Drilling, Environmental

Signature: *Matt Buckles* Date: 4/16/2020

email: mattbuckles@mec.com Telephone: 575-748-1288

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	nRM2002151575
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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: Matt Buckles Title: Land, Drilling, Environmental

Signature: *Matt Buckles* Date: 4/16/2020

email: mattbuckles@mec.com Telephone: 575-748-1288

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nRM2002151575
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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: Matt Buckles Title: Land, Drilling, Environmental

Signature: *Matt Buckles* Date: 4/16/2020

email: mattbuckles@mec.com Telephone: 575-748-1288

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Tracking Number: nRM2002151575
DELINEATION AND REMEDIATION REPORT
Select Energy Release at Mack Energy, Montreal 1H
Produced Water Spill
Lea County, New Mexico

Latitude: N 32.99472°
Longitude: W -104.03889°

LAI Project No. 19-0179-04

April 16, 2020

Prepared for:
Select Energy Services
5721 NW 132nd Street
Oklahoma City, OK 73142

Prepared by:
Larson & Associates, Inc.
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1.0 INTRODUCTION

Larson & Associates, Inc. (LAI) has prepared this delineation and remediation report on behalf of Select Energy Services (Select) for submittal to the New Mexico Oil Conservation Division (OCD) District 2 for a produced water spill at Montreal 1H (Site) located in Unit M (SW/4, SW/4), Section 21, Township 15 South, Range 29 East in Chaves County, New Mexico. The geodetic position is North 32.99472° and West -104.03889°. Figure 1 presents a topographic map. Figure 2 presents an aerial map.

1.1 Background

The release occurred on October 12, 2019, due to rupture of a water transfer line during a produced water and freshwater changeover for Mack Energy Corporation (Mack). Select calculated the release at 150 barrels (bbls) of liquid. No fluid was recovered. The surface owner is the Bureau of Land Management (BLM). The spill is considered a major release due to the volume of released fluids greater than 25 bbls. The initial C-141 was submitted the OCD District 2 and assigned an incident tracking number of nRM2002151575.

1.2 Physical Setting

The physical setting is as follows:

- The surface elevation is approximately 3,806 feet above mean sea level (msl);
- The topography slopes gently towards the west;
- There are no surface water features within 1,000 feet of the site;
- The soils are designated as “Tencee gravelly sandy loam” consisting of 0 to 9 inches of gravelly loam underlain by 9 to 13 inches of cemented material (caliche);
- The surface geology consists of Piedmont alluvial deposits (Holocene to lower Pleistocene);
- According to a Mack Energy borehole log (SB-1) completed on August 20, 2013, groundwater was absent to 80 feet below ground surface (bgs) after 72 hours. The borehole was drilled in Unit K (NE/4, SW/4), Section 19, Township 15 South, Range 29 East approximately 1.74 miles or 9,167 feet northwest of the site. Appendix A presents the New Mexico Office of the State Engineer permit and boring log.

1.3 Remediation Levels

The following remediation standards are based on closure criteria for soils impacted by a release as presented in Table 1 of 19.15.29 NMAC:

- Benzene 10 mg/Kg
- BTEX 50 mg/Kg
- TPH 2,500 mg/Kg
- Chloride 10,000 mg/Kg

Further, 19.15.29.13 NMAC (Restoration, Reclamation and Re-Vegetation) requires the operator to restore the impacted surface area that existed prior to the release or their final land use.

2.0 DELINEATION

On October 13, 2019, LAI personnel mapped the spill area with a Trimble sub-meter global position system (GPS) receiver. The spill area measures approximately 22,941 square feet or about 0.5 acre. LAI personnel collected soil samples with a stainless steel hand auger from twenty-one (21) locations (SP-1 through SP-21) inside of the spill area for vertical delineation and four (4) locations in each cardinal direction (north, south, east and west) outside of the spill area (SP-22 through SP-25) for horizontal delineation. Soil samples were collected in laboratory containers from 0 to 0.5 and 0.5 to 1.5 feet bgs and delivered under chain of custody and preservation to Permian Basin Environmental Laboratory (PBEL) in Midland, Texas. The samples were analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX), total petroleum hydrocarbons (TPH), including gasoline range organics (C6-C12), diesel range organics (>C12-C28) and oil range organics (>C28-C35) and chloride by EPA SW-846 8021B, 8015M, and M300 respectively.

The laboratory reported benzene, BTEX, and TPH below the delineation limits of 10 mg/Kg, 50 mg/Kg, 100 mg/Kg in all samples, respectively. Chloride was reported above the OCD delineation limit of 600 mg/Kg in the following samples:

SP-1, 0 to. 0.5 feet bgs – 10,300 mg/Kg
SP-2, 0 to 0.5 feet bgs – 12,200 mg/Kg
SP-3, 0 to 0.5 feet bgs– 4,560 mg/Kg
SP-4, 0.5 to 1 feet bgs – 9,390 mg/Kg
SP-5, 0.5 to 1 feet bgs – 4,360 mg/Kg
SP-7, 0 to 0.5 feet bgs – 7,110 mg/Kg
SP-8, 0 to 0.5 feet bgs – 6,490 mg/Kg
SP-9, 0.5 to 1 feet bgs – 7,520 mg/Kg
SP-10, 0.5 to 1 feet bgs –7,270 mg/Kg
SP-12, 0 to 0.5 feet bgs – 6,940 mg/Kg
SP-13, 0 to 0.5 feet bgs – 8,570 mg/Kg
SP-14, 0 to 0.5 feet bgs – 9,540 mg/Kg
SP-15, 0 to 0.5 feet bgs – 9,870 mg/Kg
SP-16, 0 to 0.5 feet bgs – 1,510 mg/Kg
SP-18, 0 to 0.5 feet bgs – 6,900 mg/Kg
SP-19, 0 to 0.5 feet bgs – 5,640 mg/Kg
SP-20, 0.5 to 1 feet bgs – 1,140 mg/Kg
SP-1, 0.5 to 1.5 feet bgs – 9,230 mg/Kg
SP-2, 0.5 to 1.5 feet bgs – 10,200 mg/Kg
SP-4, 0 to 0.5 feet bgs– 7,740 mg/Kg
SP-5, 0 to 0.5 feet bgs – 4,740 mg/Kg
SP-6, 0 to 0.5 feet bgs – 4,730 mg/Kg
SP-7, 0.5 to 1 feet bgs – 1,510 mg/Kg
SP-9, 0 to 0.5 feet bgs –1,370 mg/Kg
SP-10, 0 to 0.5 feet bgs –8,130 mg/Kg
SP-11, 0 to 0.5 feet bgs –1,730 mg/Kg
SP-12, 0.5 to 1 feet bgs –1,700 mg/Kg
SP-13, 0.5 to 1 feet bgs – 6,320 mg/Kg
SP-14, 0.5 to 1 feet bgs – 957 mg/Kg
SP-15, 0.5 to 1 feet bgs – 2,810 mg/Kg
SP-17, 0 to 0.5 feet bgs – 2,810 mg/Kg
SP-18, 0.5 to 1 feet bgs – 2,890 mg/Kg
SP-20, 0 to 0.5 feet bgs –11,900 mg/Kg
SP-21, 0 to 0.5 feet bgs – 11,300 mg/Kg

From October 21 to October 25, 2019, LAI personnel used direct push technology (DPT) to collect deeper soil samples to complete the delineation. Samples were collected at 1, 5, and 10 feet bgs depending on subsurface conditions. The samples were delivered under chain of custody to PBEL and analyzed for chloride by EPA Method 300. Chloride exceeded the delineation limit in the following samples:

SP-7, 5 feet bgs– 4,570 mg/Kg
SP-10, 5 feet – 4,120 mg/Kg

SP-13, 5 feet bgs, 1,660 mg/Kg SP-20, 5 feet – 1,140 mg/Kg

Chloride was delineated below 600 mg/Kg at all soil sample locations. Table 1 presents the delineation soil sample analytical data summary. Figure 2 presents an aerial map showing the soil sample locations. Appendix B presents the laboratory reports.

3.0 REMEDIATION

Between January 2 and 29, 2020, P2 Construction, Inc. (P2) excavated soil from the area encompassing SP-1, SP-2, SP-4, SP-5, SP-7 through SP-10, and SP-12 through SP-15 to approximately 4.1 feet bgs (23,062 square feet), SP-3 to 2 feet bgs (1,356 square feet), SP-6 to 2 feet bgs (1,641 square feet), SP-11 to 2 feet bgs (867 square feet), SP-16 and SP-17 to 2 feet bgs (4,457 square feet), and SP-18 through SP-21 to 4.1 feet bgs (3,931 square feet). Appendix C presents the waste manifests. Appendix D presents photographs.

Between January 3 and 29, 2020, LAI personnel collected confirmation samples about every 200 square feet of the excavation sidewalls and bottom. PBEL analyzed the samples for BTEX, TPH including gasoline range organics (C6-C12), diesel range organics (>C12-C28) and oil range organics (>C28-C35) EPA SW-846 Methods 8021B and 8015D, respectively, and chloride by EPA Method 300. Table 2 presents the confirmation soil sample analytical data summary. Figure 3 presents the excavation locations. Appendix B presents the laboratory reports.

4.0 CLOSURE REQUEST

The laboratory reported benzene, BTEX, TPH, and chloride below the OCD closure criteria (Table 1, 19.15.29NMAC) of 10 mg/Kg, 50 mg/Kg, 2,500 mg/Kg, and 10,000 mg/Kg in the final confirmation soil samples. The laboratory reported TPH and chloride below the OCD surface restoration limits of 100 mg/Kg and 600 mg/Kg, respectively, in all backfill soil samples. Select backfilled the excavations to 2 feet bgs with clean caliche and from 2 feet bgs to surface with clean topsoil acquired from a nearby landowner's pit. Select seeded the area with BLM Mix #3. Select respectfully requests closure for nRM2002151575. Table 2 presents the analytical data of the backfill material.

Tables

Table 1
Delineation Soil Sample Analytical Data Summary
Select Energy Services, Montreal 1H PW Release
Chaves County, New Mexico
N32° 59' 41.00" W104° 02' 20.21"

Sample ID	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
RAL:				**10**	**50**				**100 / 2,500**	**600 / 10,000**
Hand Auger Soil Samples										
SP-1	0.5	11/13/2019	In-Situ	<0.00115	<0.00690	<28.7	<28.7	<28.7	<28.7	**10,300**
	1	11/13/2019	In-Situ	<0.00111	0.00267	<27.8	<27.8	<27.8	<27.8	**9,230**
	5	11/21/2019	In-Situ	<0.00100	<0.00600	<30.5	54.2	38.5	92.6	17.0
	9	11/21/2019	In-Situ	--	--	--	--	--	--	86.5
SP-2	0.5	11/13/2019	In-Situ	<0.00112	0.00889	<28.1	<28.1	<28.1	<28.1	**12,200**
	1	11/13/2019	In-Situ	<0.00114	<0.00683	<28.4	<28.4	<28.4	<28.4	**10,200**
	5	11/21/2019	In-Situ	<0.00100	<0.00600	<29.8	<29.8	<29.8	<29.8	6.67
	10	11/21/2019	In-Situ	--	--	--	--	--	--	138
SP-3	0.5	11/13/2019	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	**4,560**
	1	11/13/2019	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	323
SP-4	0.5	11/13/2019	In-Situ	<0.00110	<0.00660	<27.5	39.5	<27.5	39.5	**7,740**
	1	11/13/2019	In-Situ	<0.00115	<0.00690	<28.7	<28.7	<28.7	<28.7	**9,390**
	5	11/21/2019	In-Situ	<0.00100	<0.00600	<29.4	<29.4	<29.4	<29.4	93.0
	9	11/21/2019	In-Situ	--	--	--	--	--	--	69.1
SP-5	0.5	11/13/2019	In-Situ	<0.00111	0.161	<27.8	39.6	<27.8	39.6	**4,740**
	1	11/13/2019	In-Situ	<0.00111	0.00897	<27.8	<27.8	<27.8	<27.8	**4,360**
	5	11/21/2019	In-Situ	<0.00100	<0.00600	<29.8	<29.8	<29.8	<29.8	18.1
	10	11/21/2019	In-Situ	--	--	--	--	--	--	106

Table 1
Delineation Soil Sample Analytical Data Summary
Select Energy Services, Montreal 1H PW Release
Chaves County, New Mexico
N32° 59' 41.00" W104° 02' 20.21"

SP-6	0.5	11/13/2019	In-Situ	<0.00109	<0.00654	<27.2	<27.2	<27.2	<27.2	**4,730**
	1	11/13/2019	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	503
SP-7	0.5	11/13/2019	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	**7,110**
	1	11/13/2019	In-Situ	<0.00114	<0.00683	<28.4	53.0	33.8	86.8	**1,510**
	5	11/21/2019	In-Situ	<0.00100	<0.00600	<28.1	<28.1	<28.1	<28.1	**4,570**
	10	11/21/2019	In-Situ	--	--	--	--	--	--	8.69
SP-8	0.5	11/13/2019	In-Situ	<0.00115	<0.00690	<28.7	44.5	<28.7	44.5	**6,490**
	5	11/21/2019	In-Situ	<0.00100	<0.00600	<29.8	<29.8	<29.8	<29.8	3.19
	10	11/21/2019	In-Situ	--	--	--	--	--	--	235
SP-9	0.5	11/13/2019	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	**1,370**
	1	11/13/2019	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	**7,520**
	5	11/21/2019	In-Situ	<0.00100	<0.00600	<26.6	<26.6	<26.6	<26.6	8.87
	10	11/21/2019	In-Situ	--	--	--	--	--	--	6.30
SP-10	0.5	11/13/2019	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	**8,130**
	1	11/13/2019	In-Situ	<0.00112	<0.00673	<28.1	28.6	<28.1	28.6	**7,270**
	5	11/22/2019	In-Situ	<0.00100	<0.00600	<28.4	<28.4	<28.4	<28.4	**4,120**
	10	11/22/2019	In-Situ	--	--	--	--	--	--	13
SP-11	0.5	11/13/2019	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	**1,730**
	1	11/13/2019	In-Situ	<0.00110	<0.00660	<27.5	28.2	<27.5	28.2	432
SP-12	0.5	11/13/2019	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	**6,940**
	1	11/13/2019	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	**1,700**
	5	11/22/2019	In-Situ	<0.00100	<0.00600	<27.8	<27.8	<27.8	<27.8	379
	10	11/22/2019	In-Situ	--	--	--	--	--	--	210
SP-13	0.5	11/13/2019	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	**8,570**
	1	11/13/2019	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	**6,320**
	5	11/22/2019	In-Situ	<0.00100	<0.00600	<27.8	<27.8	<27.8	<27.8	**1,660**

Table 1
Delineation Soil Sample Analytical Data Summary
Select Energy Services, Montreal 1H PW Release
Chaves County, New Mexico
N32° 59' 41.00" W104° 02' 20.21"

	10	11/22/2019	In-Situ	--	--	--	--	--	--	49.5
SP-14	0.5	11/13/2019	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	**9,540**
	1	11/13/2019	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	**957**
	5	11/22/2019	In-Situ	<0.00100	<0.00600	<28.1	<28.1	<28.1	<28.1	32.8
	10	11/22/2019	In-Situ	--	--	--	--	--	--	<1.10
SP-15	0.5	11/13/2019	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	**9,870**
	1	11/13/2019	In-Situ	<0.00123	<0.00743	<30.9	<30.9	<30.9	<30.9	**2,810**
	5	11/22/2019	In-Situ	<0.00100	<0.00600	<28.4	35.3	37.8	73.1	3.60
	9	11/22/2019	In-Situ	--	--	--	--	--	--	<1.09
SP-16	0.5	11/13/2019	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	**1,510**
	1	11/13/2019	In-Situ	<0.00114	<0.00683	<28.4	<28.4	<28.4	<28.4	187
SP-17	0.5	11/13/2019	In-Situ	<0.00108	<0.00647	<26.9	<26.9	<26.9	<26.9	**2,810**
	1	11/13/2019	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	236
SP-18	0.5	11/13/2019	In-Situ	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	**6,900**
	1	11/13/2019	In-Situ	<0.00116	<0.00697	<29.1	56.8	33.7	90.5	**2,890**
	5	11/22/2019	In-Situ	<0.00100	<0.00600	<27.8	35.9	28.1	64.0	3.13
	10	11/22/2019	In-Situ	--	--	--	--	--	--	44.5
SP-19	0.5	11/13/2019	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	**5,640**
	5	11/22/2019	In-Situ	<0.00100	<0.00600	<28.1	<28.1	<28.1	<28.1	12.30
	10	11/22/2019	In-Situ	--	--	--	--	--	--	59.2
SP-20	0.5	11/13/2019	In-Situ	<0.00115	<0.00690	<28.7	<28.7	<28.7	<28.7	**11,900**
	5	11/25/2019	In-Situ	<0.00100	<0.00600	<28.7	<28.7	<28.7	<28.7	**1,140**
	10	11/25/2019	In-Situ	--	--	--	--	--	--	52.9
SP-21	0.5	11/13/2019	In-Situ	<0.00114	<0.00683	<28.4	<28.4	<28.4	<28.4	**11,300**
	5	11/25/2019	In-Situ	<0.00100	<0.00600	<28.4	<28.4	<28.4	<28.4	6.93
	8	11/25/2019	In-Situ	--	--	--	--	--	--	1.11
SP-22	0.5	11/13/2019	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	157

Table 1
Delineation Soil Sample Analytical Data Summary
Select Energy Services, Montreal 1H PW Release
Chaves County, New Mexico
N32° 59' 41.00" W104° 02' 20.21"

	1	11/13/2019	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	54.8
SP-23	0.5	11/13/2019	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	17.4
	1	11/13/2019	In-Situ	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	9.09
SP-24	0.5	11/13/2019	In-Situ	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	34.1
	1	11/13/2019	In-Situ	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	25.4
SP-25	0.5	11/13/2019	In-Situ	<0.00108	<0.00647	<26.9	<26.9	<26.9	<26.9	29.8
	1	11/13/2019	In-Situ	<0.00106	<0.00637	<26.6	30.0	<26.6	30.0	12.0

Notes: Laboratory analysis performed by Permian Basin Environmental Lab (PBEL), Midland, Texas by EPA SW-846 Methods 8021B (BTEX), 8015M (TPH), and M300 (chloride)
Depth in feet below ground surface (bgs)
mg/Kg: milligrams per kilogram equivalent to parts per million (ppm)
Bold and highlighted indicates that analyte was detected above the OCD Delineation Limit (600 mg/Kg)

Table 2
Confirmation Soil Sample Analytical Data Summary
Montreal 1H, Mack Energy Produced Water Release
Chaves County, New Mexico
N32° 59' 41.00" W104° 02' 20.21"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
RAL:					**10**	**50**				**100/2,500**	**600/20,000**
1.1	**Sidewall North**	0 - 4	1/10/2020	Excavated	<0.00100	<0.00600	<28.7	<28.7	<28.7	<28.7	**619.0**
		0 - 4	1/29/2020	In-Situ	<0.00103	0.00546	<25.8	26.1	27.3	53.3	5.58
2.1	**Sidewall East**	0 - 4	1/10/2020	In-Situ	<0.00114	<0.00683	<28.4	51.0	<28.4	51.0	39.8
2.2	**Sidewall East**	0 - 4	1/10/2020	In-Situ	<0.00118	<0.00707	<29.4	<29.4	<29.4	<29.4	12.7
2.3	**Bottom**	4.1	1/21/2020	In-Situ	<0.00116	<0.00697	<29.1	<29.1	<29.1	<29.1	28.4
2.4	**Bottom**	4.1	1/21/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	360.0
2.5	**Bottom**	4.1	1/21/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	292.0
2.6	**Bottom**	4.1	1/21/2020	In-Situ	<0.00109	<0.00653	<27.2	27.7	<27.2	27.7	17.0
2.7	**Bottom**	4.1	1/21/2020	In-Situ	<0.00109	<0.00653	<27.2	27.7	<27.2	27.7	501.0
2.8	**Bottom**	4.1	1/21/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	691.0
2.9	**Bottom**	4.1	1/21/2020	In-Situ	<0.00109	<0.00653	<27.2	27.7	<27.2	27.7	803.0
2.1	**Bottom**	4.1	1/21/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	415.0
2.11	**Bottom**	4.1	1/21/2020	In-Situ	<0.00114	<0.00683	<28.4	<28.4	<28.4	<28.4	91.8
2.12	**Bottom**	4.1	1/21/2020	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	2,210.0
2.13	**Bottom**	4.1	1/21/2020	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	3,710.0
2.14	**Bottom**	4.1	1/21/2020	In-Situ	<0.00108	<0.00647	<26.9	<26.9	<26.9	<26.9	553.0
2.15	**Bottom**	4.1	1/21/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	478.0
2.16	**Bottom**	4.1	1/21/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	341.0
2.17	**Bottom**	4.1	1/21/2020	In-Situ	<0.00109	<0.00653	<27.2	27.7	<27.2	27.7	188.0
2.18	**Bottom**	4.1	1/21/2020	In-Situ	<0.00114	<0.00683	<28.4	<28.4	<28.4	<28.4	140.0
2.19	**Bottom**	4.1	1/21/2020	In-Situ	<0.00118	<0.00707	<29.4	<29.4	<29.4	<29.4	182.0
2.20	**Bottom**	4.1	1/21/2020	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	2,310.0
3.1	**Sidewall South**	0 - 2	1/10/2020	In-Situ	<0.00100	<0.00600	<26.9	<26.9	<26.9	<26.9	142.0
3.2	**Sidewall South**	0 - 2	1/10/2020	In-Situ	<0.00100	<0.00600	<25.8	<25.8	<25.8	<25.8	19.1
3.3	**Sidewall West**	0 - 2	1/10/2020	In-Situ	<0.00100	<0.00600	<27.2	<27.2	<27.2	<27.2	98.8
3.4	**Sidewall East**	0 - 2	1/10/2020	In-Situ	<0.00100	<0.00600	<27.2	<27.2	<27.2	<27.2	217
3.5	**Bottom**	2	1/10/2020	In-Situ	<0.00100	<0.00600	<27.5	<27.5	<27.5	<27.5	38.3
3.6	**Bottom**	2	1/10/2020	In-Situ	<0.00100	<0.00600	<27.5	<27.5	<27.5	<27.5	162.0
3.7	**Bottom**	2	1/10/2020	In-Situ	<0.00100	<0.00600	<28.4	<28.4	<28.4	<28.4	31.3

Table 2
Confirmation Soil Sample Analytical Data Summary
Montreal 1H, Mack Energy Produced Water Release
Chaves County, New Mexico
N32° 59' 41.00" W104° 02' 20.21"

3.8	**Bottom**	2	1/10/2020	In-Situ	<0.00100	<0.00600	<28.7	<28.7	<28.7	<28.7	18.4
3.9	**Bottom**	2	1/10/2020	In-Situ	<0.00100	<0.00600	<27.5	<27.5	<27.5	<27.5	163.0
3.10	**Bottom**	2	1/10/2020	In-Situ	<0.00100	<0.00600	<28.4	<28.4	<28.4	<28.4	12.5
3.11	**Bottom**	2	1/10/2020	In-Situ	<0.00100	<0.00600	<28.4	<28.4	<28.4	<28.4	12.4
6.1	**Sidewall North**	0 - 2	1/3/2020	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	12.4
6.2	**Bottom**	2	1/3/2020	In-Situ	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	13.9
6.3	**Sidewall West**	0 - 2	1/10/2020	In-Situ	<0.00100	<0.00600	<25.5	<25.5	<25.5	<25.5	13.4
6.4	**Sidewall North**	0 - 2	1/10/2020	In-Situ	<0.00100	<0.00600	<26.0	<26.0	<26.0	<26.0	12.6
6.5	**Sidewall East**	0 - 2	1/10/2020	In-Situ	<0.00100	<0.00600	<26.0	<26.0	<26.0	<26.0	10.5
6.6	**Bottom**	2	1/10/2020	In-Situ	<0.00100	<0.00600	<27.8	<27.8	<27.8	<27.8	13.2
6.7	**Bottom**	2	1/10/2020	In-Situ	<0.00100	<0.00600	<26.6	<26.6	<26.6	<26.6	197
6.8	**Bottom**	2	1/10/2020	In-Situ	<0.00100	<0.00600	<26.6	<26.6	<26.6	<26.6	30.1
6.9	**Bottom**	2	1/10/2020	In-Situ	<0.00100	<0.00600	<26.9	<26.9	<26.9	<26.9	66.4
6.10	**Bottom**	2	1/10/2020	In-Situ	<0.00100	<0.00600	<26.6	<26.6	<26.6	<26.6	79.2
7.1	**Sidewall South**	0 - 4	1/3/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	15.1
7.2	**Bottom**	4.1	1/3/2020	In-Situ	<0.00119	<0.00714	<29.8	<29.8	<29.8	<29.8	455
7.3	**Bottom**	4.1	1/3/2020	In-Situ	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	786.0
7.4	**Bottom**	4.1	1/3/2020	In-Situ	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	5.59
9.1	**Sidewall North**	0 - 4	1/3/2020	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	144
9.2	**Bottom**	4.1	1/3/2020	In-Situ	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	140
9.3	**Bottom**	4.1	1/3/2020	In-Situ	<0.00110	<0.00660	<27.5	84.3	82.9	167	833.0
9.4	**Bottom**	4.1	1/3/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	599
9.5	**Bottom**	4.1	1/3/2020	In-Situ	<0.00114	<0.00683	<28.4	<28.4	<28.4	<28.4	30.6
9.6	**Sidewall South**	0 - 4	1/3/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	18.6
10.1	**Sidewall North**	0 - 4	1/3/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	12.4
10.2	**Bottom**	4.1	1/3/2020	In-Situ	<0.00114	<0.00683	<28.4	34.3	<28.4	34.3	2,050
10.3	**Bottom**	4.1	1/3/2020	In-Situ	<0.00115	<0.00690	<28.7	<28.7	<28.7	<28.7	1,510
10.4	**Sidewall South**	0 - 4	1/3/2020	In-Situ	<0.00108	<0.00647	<26.9	<26.9	<26.9	<26.9	287
10.5	**Bottom**	4.1	1/3/2020	In-Situ	<0.00115	<0.00690	<28.7	<28.7	<28.7	<28.7	865.0
10.6	**Bottom**	4.1	1/3/2020	In-Situ	<0.00120	<0.00649	<30.1	<30.1	<30.1	<30.1	315
10.7	**Bottom**	4.1	1/3/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	1,250.0
10.8	**Bottom**	4.1	1/3/2020	In-Situ	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	1,050

Table 2
Confirmation Soil Sample Analytical Data Summary
Montreal 1H, Mack Energy Produced Water Release
Chaves County, New Mexico
N32° 59' 41.00" W104° 02' 20.21"

10.9	**Sidewall North**	0 - 4	1/3/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	34.2
11.1	**Bottom**	2	1/3/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	110.0
11.2	**Bottom**	2	1/3/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	26
11.3	**Bottom**	2	1/3/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	7.97
11.4	**Sidewall South**	0 - 2	1/3/2020	In-Situ	<0.00108	<0.00647	<26.9	<26.9	<26.9	<26.9	5.49
11.5	**Sidewall South**	0 - 2	1/3/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	8.24
11.6	**Bottom**	2	1/3/2020	In-Situ	<0.00109	<0.00653	<27.2	27.7	<27.2	27.7	24.3
11.7	**Bottom**	2	1/3/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	163.0
11.8	**Bottom**	2	1/3/2020	Excavated	<0.00152	<0.00911	<37.9	<37.9	<37.9	<37.9	**2,830**
		4.1	1/21/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	23.1
11.9	**Bottom**	2	1/3/2020	Excavated	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	**2,420**
		4.1	1/21/2020	In-Situ	<0.00109	<0.00653	<27.2	40.1	<27.2	40.1	12.3
11.10	**Bottom**	2	1/3/2020	Excavated	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	**1,090**
		4.1	1/21/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	16.9
11.11	**Bottom**	2	1/3/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	49.9
11.12	**Sidewall South**	0 - 2	1/3/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	574
13.1	**Sidewall South**	0 - 4	1/3/2020	Excavated	<0.00101	<0.00606	<25.3	41	<25.3	41	**1,560**
		0 - 4	1/21/2020	In-Situ	<0.00108	<0.00647	<26.9	<26.9	<26.9	<26.9	23.8
13.2	**Bottom**	4.1	1/3/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	14.8
13.3	**Bottom**	4.1	1/3/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	295
13.4	**Bottom**	4.1	1/3/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	431
13.5	**Bottom**	4.1	1/3/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	247
13.6	**Bottom**	4.1	1/3/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	592
13.7	**Sidewall North**	0 - 4	1/3/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	18.5
15.1	**Sidewall South**	0 - 4	1/3/2020	Excavated	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	**4,060**
		0 - 4	1/21/2020	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	12.7
15.2	**Bottom**	4.1	1/3/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	1,010
15.3	**Bottom**	4.1	1/3/2020	In-Situ	<0.00109	<0.00653	<27.5	28.6	<27.2	28.6	250
15.4	**Sidewall North**	0 - 4	1/3/2020	In-Situ	<0.00108	<0.00647	<26.9	<26.9	<26.9	<26.9	41.8
15.5	**Sidewall North**	0 - 4	1/3/2020	Excavated	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	**1,930**
		0 - 4	1/21/2020	In-Situ	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	12.7
15.6	**Bottom**	4.1	1/3/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	93.2
15.7	**Bottom**	4.1	1/3/2020	In-Situ	<0.00114	<0.00683	<28.4	<28.4	<28.4	<28.4	251

Table 2
Confirmation Soil Sample Analytical Data Summary
Montreal 1H, Mack Energy Produced Water Release
Chaves County, New Mexico
N32° 59' 41.00" W104° 02' 20.21"

15.8	**Sidewall South**	0 - 4	1/3/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	261
15.9	**Sidewall South**	0 - 4	1/3/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	32.5
15.10	**Bottom**	4.1	1/3/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	370
15.11	**Bottom**	4.1	1/3/2020	In-Situ	<0.00108	<0.00647	<26.9	<26.9	<26.9	<26.9	153
15.12	**Bottom**	4.1	1/3/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	438
15.13	**Bottom**	4.1	1/3/2020	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	19.3
17.1	**Sidewall South**	0 - 2	1/14/2020	Excavated	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	5.25
		0 - 4	1/29/2020	In-Situ	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	8.15
17.2	**Sidewall North**	0 - 2	1/14/2020	Excavated	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	11.6
		0 - 4	1/29/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	8.31
17.3	**Sidewall South**	0 - 2	1/14/2020	Excavated	<0.00103	0.00531	<25.8	<25.8	<25.8	<25.8	3.12
		0 - 4	1/29/2020	In-Situ	<0.00103	0.00531	<25.8	<25.8	<25.8	<25.8	3.61
17.4	**Sidewall North**	0 - 2	1/14/2020	Excavated	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	6.12
		0 - 4	1/29/2020	In-Situ	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	12.1
17.5	**Bottom**	2	1/14/2020	Excavated	<0.00103	0.00531	<25.8	<25.8	<25.8	<25.8	47.9
		4.1	1/29/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	31.5
17.6	**Bottom**	2	1/14/2020	Excavated	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	473
		4.1	1/29/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	19.9
17.7	**Bottom**	2	1/14/2020	Excavated	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	48.1
		4.1	1/29/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	17.2
17.8	**Bottom**	2	1/14/2020	Excavated	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	**1,070**
		4.1	1/29/2020	In-Situ	<0.00114	<0.02726	<28.4	<28.4	<28.4	<28.4	13.8
17.9	**Bottom**	2	1/14/2020	Excavated	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	410
		4.1	1/29/2020	In-Situ	<0.00119	<0.00714	<29.8	<29.8	<29.8	<29.8	29.7
17.10	**Bottom**	2	1/14/2020	Excavated	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	106
		4.1	1/29/2020	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	97.5
17.11	**Bottom**	2	1/14/2020	Excavated	<0.00103	0.00531	<25.8	<25.8	<25.8	<25.8	403
		4.1	1/29/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	340
17.12	**Bottom**	2	1/14/2020	Excavated	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	504
		4.1	1/29/2020	In-Situ	<0.00114	<0.00683	<28.4	<28.4	<28.4	<28.4	60.9
17.13	**Bottom**	2	1/14/2020	Excavated	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	86.7
		4.1	1/29/2020	In-Situ	<0.00115	<0.00690	<28.7	<28.7	<28.7	<28.7	21.6
17.14	**Bottom**	2	1/14/2020	Excavated	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	**614**
		4.1	1/29/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	12.9
17.15	**Bottom**	2	1/14/2020	Excavated	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	530

Table 2
Confirmation Soil Sample Analytical Data Summary
Montreal 1H, Mack Energy Produced Water Release
Chaves County, New Mexico
N32° 59' 41.00" W104° 02' 20.21"

		4.1	1/29/2020	In-Situ	<0.00114	<0.00683	<28.4	<28.4	<28.4	<28.4	32.6
17.16	**Bottom**	2	1/14/2020	Excavated	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	46.9
		4.1	1/29/2020	In-Situ	<0.00103	<0.00618	<25.8	59.7	<25.8	59.7	184
19.1	**Sidewall South**	0 - 4	1/14/2020	In-Situ	<0.00114	<0.02726	<28.4	<28.4	<28.4	<28.4	491
19.2	**Sidewall South**	0 - 4	1/14/2020	In-Situ	<0.00115	<0.00690	<28.7	<28.7	<28.7	<28.7	15.3
19.3	**Sidewall South**	0 - 4	1/14/2020	In-Situ	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	426
19.4	**Sidewall South**	0 - 4	1/14/2020	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	77.4
19.5	**Sidewall South**	0 - 4	1/14/2020	In-Situ	<0.00115	<0.00690	<28.7	<28.7	<28.7	<28.7	181
19.6	**Sidewall West**	0 - 4	1/14/2020	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	16.5
19.7	**Sidewall North**	0 - 4	1/14/2020	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	66.2
19.8	**Sidewall North**	0 - 4	1/14/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	33.4
19.9	**Sidewall North**	0 - 4	1/14/2020	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	178
19.10	**Sidewall North**	0 - 4	1/14/2020	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	558
19.11	**Sidewall North**	0 - 4	1/14/2020	In-Situ	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	490
19.12	**Bottom**	4.1	1/14/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	209
19.13	**Bottom**	4.1	1/14/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	487
19.14	**Bottom**	4.1	1/14/2020	In-Situ	<0.00115	<0.00690	<28.7	<28.7	<28.7	<28.7	1,120
19.15	**Bottom**	4.1	1/14/2020	In-Situ	<0.00116	<0.00697	<29.1	<29.1	<29.1	<29.1	230
19.16	**Bottom**	4.1	1/14/2020	In-Situ	<0.00114	<0.00683	<28.4	<28.4	<28.4	<28.4	1,120
19.17	**Bottom**	4.1	1/14/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	435
19.18	**Bottom**	4.1	1/14/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	320
19.19	**Bottom**	4.1	1/14/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	24.1
19.20	**Bottom**	4.1	1/14/2020	In-Situ	<0.00116	<0.00697	<29.1	<29.1	<29.1	<29.1	8.49
19.21	**Bottom**	4.1	1/14/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	28.7
19.22	**Bottom**	4.1	1/14/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	6.86
19.23	**Bottom**	4.1	1/14/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	6.82
Topsoil Backfill 1	**Topsoil Pit**	--	2/10/2020	In-Situ	<0.00125	<0.00750	<31.2	<31.2	<31.2	<31.2	12.1
Topsoil Backfill 2	**Topsoil Pit**	--	2/10/2020	In-Situ	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	11.7
Topsoil Backfill 3	**Topsoil Pit**	--	2/10/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	10.6
Topsoil Backfill 4	**Topsoil Pit**	--	2/10/2020	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	6.65
Topsoil Backfill 5	**Topsoil Pit**	--	2/10/2020	In-Situ	<0.00105	<0.00631	<26.3	53.5	32.3	85.5	8.09
Topsoil Backfill 6	**Topsoil Pit**	--	2/10/2020	In-Situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	10.8
Topsoil Backfill 7	**Topsoil Pit**	--	2/10/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	15.8
Topsoil Backfill 8	**Topsoil Pit**	--	2/10/2020	In-Situ	<0.00108	<0.00647	<26.9	34.1	33.5	67.6	18.4

Table 2
Confirmation Soil Sample Analytical Data Summary
Montreal 1H, Mack Energy Produced Water Release
Chaves County, New Mexico
N32° 59' 41.00" W104° 02' 20.21"

Topsoil Backfill 9	**Topsoil Pit**	--	2/10/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	10.1
Topsoil Backfill 10	**Topsoil Pit**	--	2/10/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	11.3
Topsoil Backfill 11	**Topsoil Pit**	--	2/10/2020	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	13.7
Topsoil Backfill 12	**Topsoil Pit**	--	2/10/2020	In-Situ	<0.00109	<0.00653	<27.2	45.6	29.5	75.0	7.05
Caliche Backfill 1	**Caliche Pit**	--	2/10/2020	In-Situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	54.3
Caliche Backfill 2	**Caliche Pit**	--	2/10/2020	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	7.36
Caliche Backfill 3	**Caliche Pit**	--	2/10/2020	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	90.6
Caliche Backfill 4	**Caliche Pit**	--	2/10/2020	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	15.6
Caliche Backfill 5	**Caliche Pit**	--	2/10/2020	In-Situ	<0.00114	<0.00683	<28.4	<28.4	<28.4	<28.4	83.8
Caliche Backfill 6	**Caliche Pit**	--	2/10/2020	In-Situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	17.3
Caliche Backfill 7	**Caliche Pit**	--	2/10/2020	In-Situ	<0.00109	<0.00653	<27.2	<27.2	<27.2	<27.2	37.4
Caliche Backfill 8	**Caliche Pit**	--	2/10/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	28.7
Caliche Backfill 9	**Caliche Pit**	--	2/10/2020	In-Situ	<0.00111	<0.00666	<27.8	<27.8	<27.8	<27.8	31.9
Caliche Backfill 10	**Caliche Pit**	--	2/10/2020	In-Situ	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	21.1
Caliche Backfill 11	**Caliche Pit**	--	2/10/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	30.1
Caliche Backfill 12	**Caliche Pit**	--	2/10/2020	In-Situ	<0.00110	<0.00660	<27.5	<27.5	<27.5	<27.5	29.6

Notes: analysis performed by Permian Basin Environmental Lab (PBEL), Midland, Texas by EPA SW-846 Methods 8021B (BTEX) and 8015M (TPH), and Method 300 (chloride)

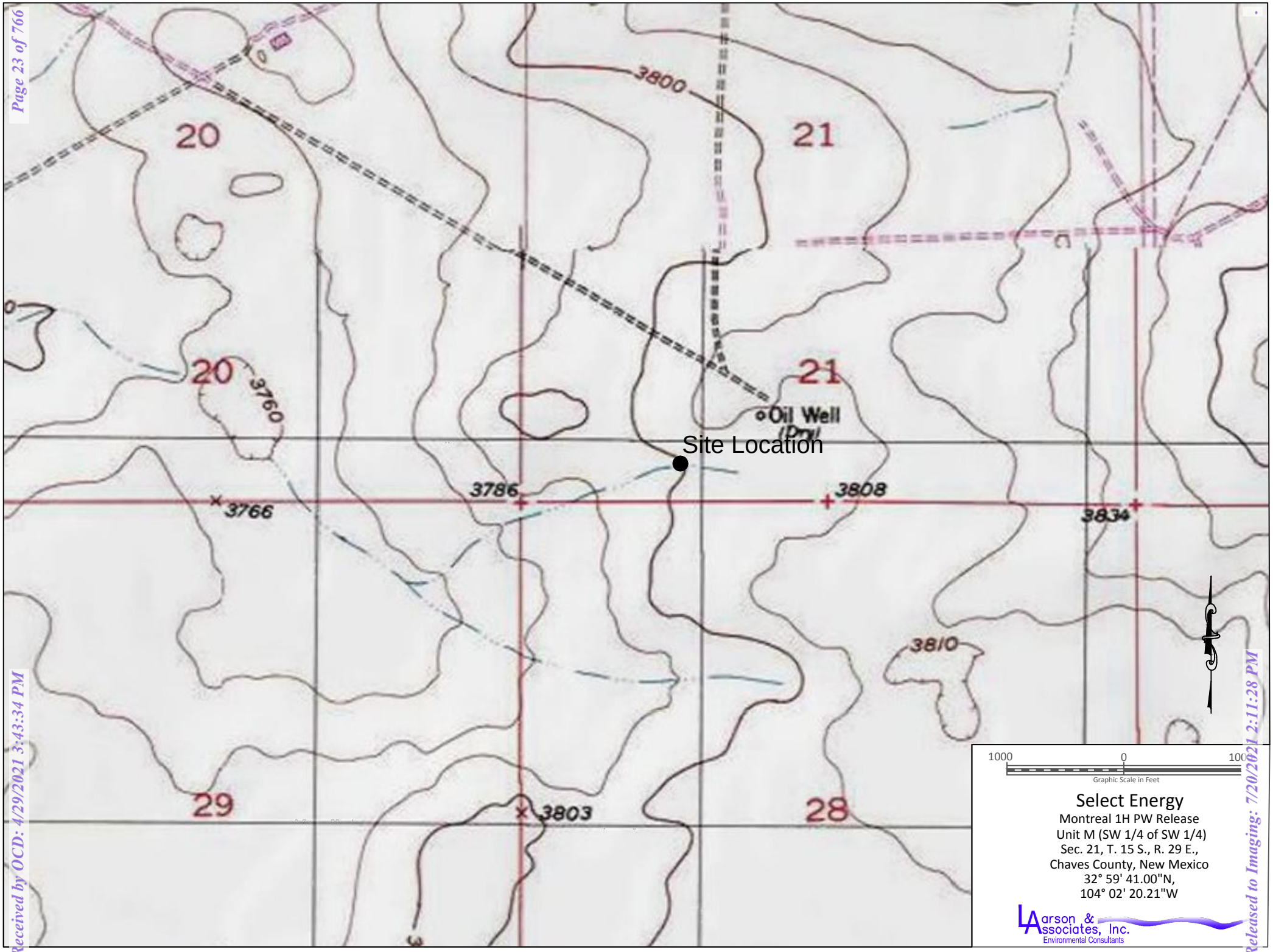
Depth in feet below ground surface (bgs)

mg/Kg: milligrams per kilogram equivalent to parts per million (ppm)

Bold and highlighted indicates that analyte was detected above the OCD Remediation Limit

Figures

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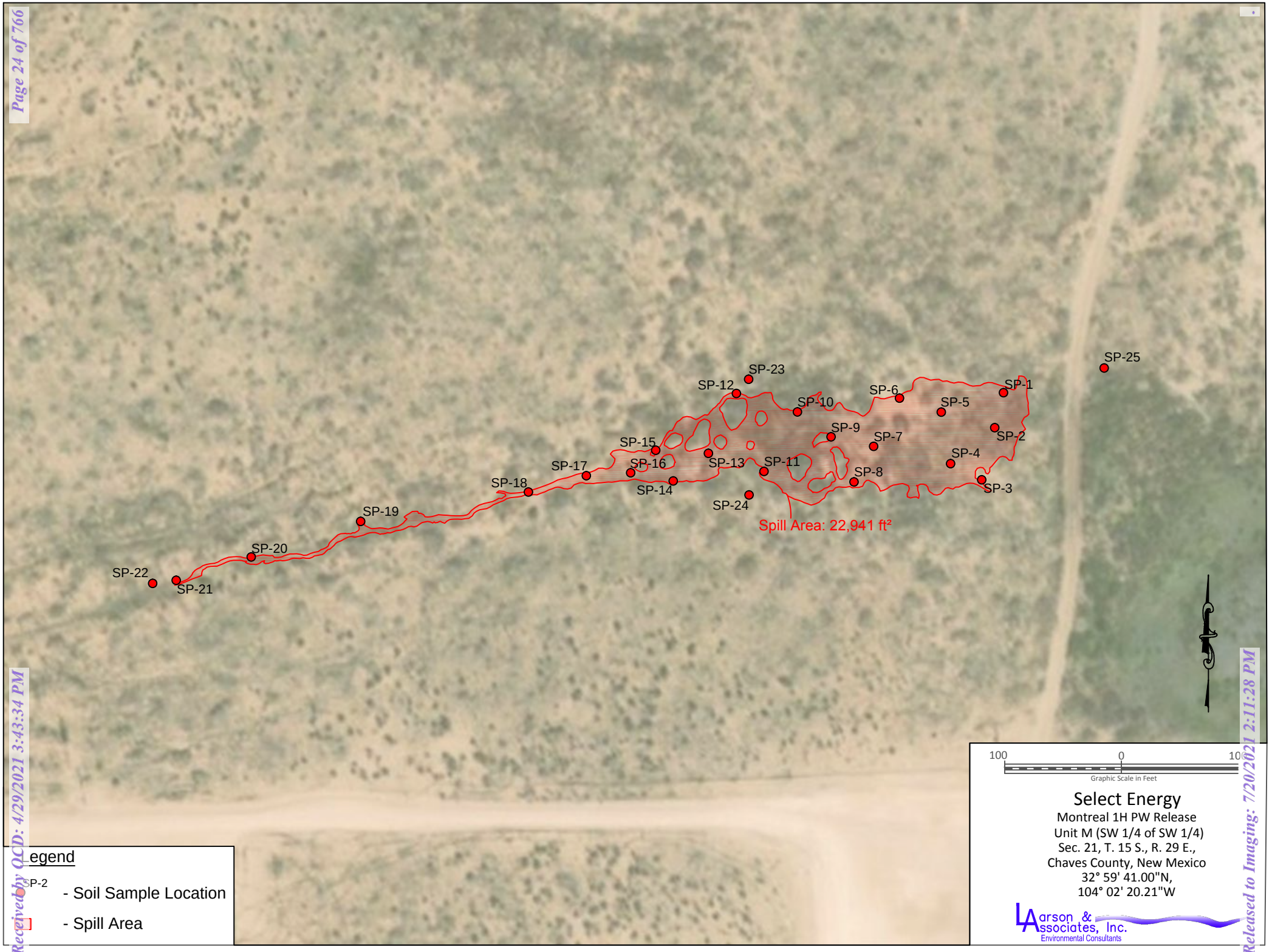


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Figure 1 - Topographic Map

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Released to Imaging: 7/20/2021 2:11:28 PM

Figure 2 - Aerial Map

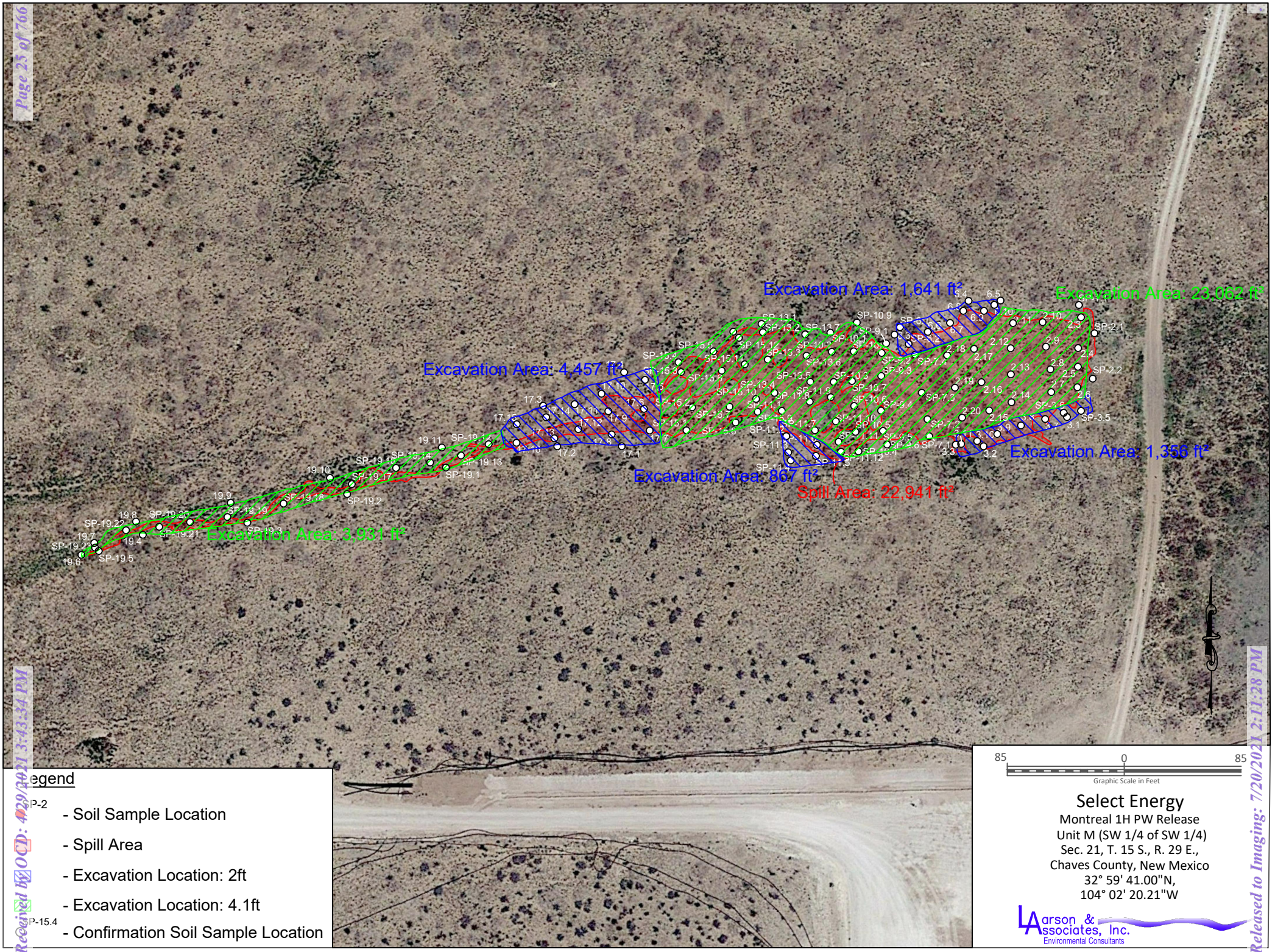


Figure 3 - Aerial Map Showing Excavation Locations

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Released to Imaging: 7/20/2021 2:11:28 PM

Appendix A

SB-1 Borehole Permit and Boring Log

Po. RA-12006

NEW MEXICO OFFICE OF THE STATE ENGINEER

APPLICATION FOR PERMIT TO DRILL A WELL WITH NO CONSUMPTIVE USE OF WATER

(check applicable box):

For fees, see State Engineer website: http://www.ose.state.nm.us/ 2.33472

Purpose:	☐ Pollution Control And / Or Recovery	☐ Geo-Thermal
☒ Exploratory	☐ Construction Site De-Watering	☐ Other (Describe):
☐ Monitoring	☐ Mineral De-Watering	

A separate permit will be required to apply water to beneficial use.

☒ Temporary Request - Requested Start Date: **8/20/2013** Requested End Date: **8/21/13**

Plugging Plan of Operations Submitted? ☐ Yes ☒ No

---

1. APPLICANT(S)

Name: **Mack Energy**	Name:
Contact or Agent: check here if Agent ☒ **David Hamilton, R.T. Hicks Consultants, Ltd**	Contact or Agent: check here if Agent ☐
Mailing Address: **901 Rio Grande NW, STE F-142**	Mailing Address:
City: **Albuquerque**	City:
State: **NM** Zip Code: **87104**	State: Zip Code:
Phone: **505-977-4761** ☐ Home ☒ Cell Phone (Work): **505-266-5004**	Phone: ☐ Home ☐ Cell Phone (Work):
E-mail (optional): **david@rthicksconsult.com**	E-mail (optional):

2013 AUG 19 A 10:53
ROSWELL, NEW MEXICO
STATE ENGINEER OFFICE

FOR OSE INTERNAL USE Application for Permit, Form wr-07, Rev 4/12/12

File Number: RA-12006	Trn Number: 532557
Trans Description (optional): Exploratory	
Sub-Basin:	
PCW/LOG Due Date: 8-31-14	

2. **WELL(S)** Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)
☐ NM West Zone
☐ NM East Zone
☐ NM Central Zone

☐ UTM (NAD83) (Meters)
☐ Zone 12N
☐ Zone 13N

☒ Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (*Quarters or Halves , Section, Township, Range)* OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
SB-1	-104.4' 5.39"	33 0' 1.04"	NE¼ NE¼ SW¼ 19 - 15S - 29E

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ☐ Yes ☒ No If yes, how many_____

Other description relating well to common landmarks, streets, or other: **About 500 feet east of the Round tank SWD 001. The SWD is 5.95 miles southeast of the intersection of Pipeline Road with NM 249 This intersection is 13.5 miles east of Hagerman on NM 249**

Well is on land owned by: **State Land Office**

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. **Attached?** ☐ **Yes** ☒ **No**
If yes, how many_____

Approximate depth of well (feet): **120.00**	Outside diameter of well casing (inches): **2.00**
Driller Name: **Wayne Morgan**	Driller License Number:

3. **ADDITIONAL STATEMENTS OR EXPLANATIONS**

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2013 AUG 19 A 10:53

FOR OSE INTERNAL USE Application for Permit, Form wr-07

File Number: RA-12006	Trn Number: 532557

SB-1 is a soil boring to characterize a location for a permanent pit application. Based upon previous work by Mack Energy in the area, it is not anticipated that ground water will be encountered. In this circumstance, no well will be installed.

In answer to Question 4 below, no pumping test is proposed. The boring is to demonstrate that depth to groundwater is more than 50 feet below the bottom of the lined permanent pit. Should ground water actually be encountered and at a suficient depth to allow the pit construction, the duration of the monitoring would be not longer than the pits existence.

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory: ☒ Include a description of any proposed pump test, if applicable.	**Pollution Control and/or Recovery:** ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge.	**Construction De-Watering:** ☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of.	**Mine De-Watering:** ☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted. ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation. ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer. ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge. ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring: ☐ Include the reason for the monitoring well, and, ☐ The duration of the planned monitoring.	☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	**Geo-Thermal:** ☐ Include a description of the geothermal heat exchange project, ☐ The amount of water to be diverted and re-injected for the project, ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project. ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	

ACKNOWLEDGEMENT

I, We (name of applicant(s)), **R T Hicks Consultants, David Hamilton**
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

David Hamilton
Applicant Signature

Applicant Signature

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2021 AUG 19 A 10:53

ACTION OF THE STATE ENGINEER

This application is:

☒ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

FOR OSE INTERNAL USE Application for Permit, Form wr-07

File Number: RA-12006	Trn Number: 532557

Witness my hand and seal this 26th day of August 20 13, for the State Engineer,

Scott A. Verhines, P.E., State Engineer

By: _____ Andy Morley
Signature Print

Title: District II Supervisor
Print

STATE ENGINEER OFFICE
ROSWELL
2013 AUG 19 A 10:53

FOR OSE INTERNAL USE

Application for Permit, Form wr-07

File Number: RA. 12006	Trn Number: 532557

Page 4 of 4

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

1A Depth of the well shall not exceed the thickness of the valley fill.

4 No water shall be appropriated and beneficially used under this permit.

7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated.

C Driller's well record must be filed with the State Engineer within 20 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.

C2 No water shall be diverted from this well except for testing purposes which shall not exceed twenty (20) cumulative days, and well shall be plugged or capped on or before , unless a permit to use water from this well is acquired from the Office of the State Engineer.

G If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.

P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between geologic zones.

Trn Desc: RA 12006

File Number: RA 12006
Trn Number: 532557

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion RA 12006 POD1 must be completed and the Well Log filed on or before 08/31/2014.

1. All PODS shall be secured and closed properly for the public welfare and safety for open ground to prevent physical hazards.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 08/19/2013	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 20 day of Aug A.D., 2013

Scott A. Verhines, P.E., State Engineer

By: Andy Morley

Trn Desc: RA 12006 File Number: RA 12006
Trn Number: 532557

August 15, 2013

New Mexico State Engineer Office
P.O. Box 1717
Roswell, NM 88202

Gentlemen:

I, Robert C. Chase authorize David Hamilton d/b/a R.T Hicks Consultants to act as the agent in obtaining permits from the New Mexico State Engineer for the purpose of drilling (2) test bore holes in Chaves County to observe ground water in the development of Mack Energy Corporation's permanent pit construction sites in southeastern New Mexico.

It is understood that Mr. David Hamilton will, to the best of his knowledge, obey all state laws pertaining to this matter.

Sincerely,

Robert C. Chase
Vice President

RCC/jws

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2013 AUG 19 A 10:53

STATE OF NEW MEXICO)
)ss.
COUNTY OF EDDY)

The foregoing instrument was acknowledged before me this 15th day of August 2013 by Robert C. Chase, Vice President of Mack Energy Corporation, a New Mexico corporation on behalf of said corporation.

My Commission Expires:
1-23-2017

Su'Ann Greenwood, Notary Public

OFFICIAL SEAL
Su'Ann Greenwood
NOTARY PUBLIC-STATE OF NEW MEXICO
My commission expires: 1-23-2017

Locator Tool Report

General Information:

Application ID:30 Date: 08-20-2013 Time: 13:54:08

WR File Number: RA-SB-1
Purpose: POINT OF DIVERSION

Applicant First Name: MACK ENERGY
Applicant Last Name: DAVID HAMILTON

GW Basin: ROSWELL ARTESIAN
County: CHAVES

Critical Management Area Name(s): NONE
Special Condition Area Name(s): NONE
Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

SE 1/4 of NE 1/4 of NE 1/4 of SW 1/4 of Section 19, Township 15S, Range 29E.

Coordinate System Details:

Geographic Coordinates:

Latitude:	33 Degrees	0 Minutes	1.0 Seconds	N
Longitude:	104 Degrees	4 Minutes	5.4 Seconds	W

Universal Transverse Mercator Zone: 13N

NAD 1983(92) (Meters)	N: 3,651,705	E: 587,050
NAD 1983(92) (Survey Feet)	N: 11,980,634	E: 1,926,012
NAD 1927 (Meters)	N: 3,651,501	E: 587,099
NAD 1927 (Survey Feet)	N: 11,979,967	E: 1,926,175

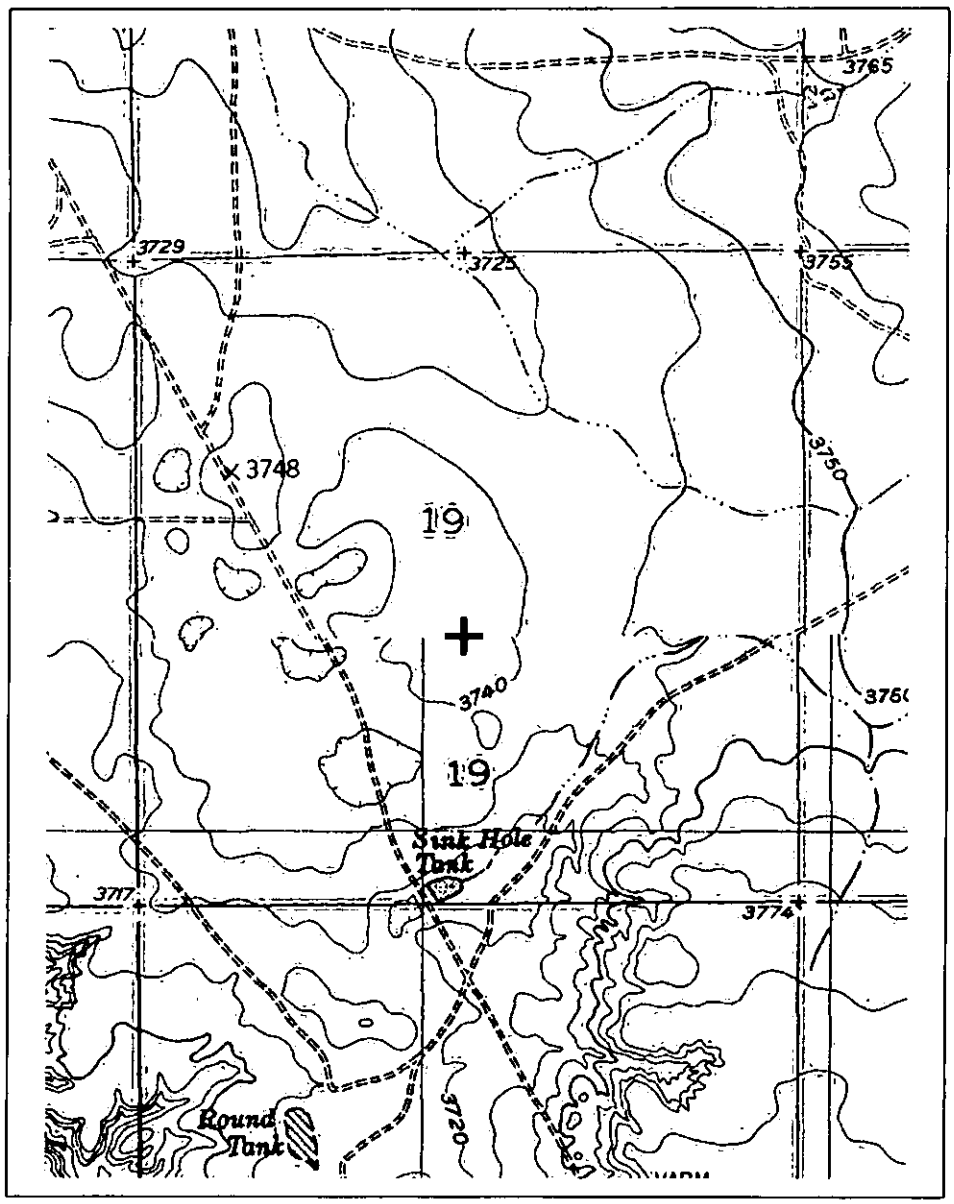
State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters)	N: 221,817	E: 189,779
NAD 1983(92) (Survey Feet)	N: 727,744	E: 622,632
NAD 1927 (Meters)	N: 221,797	E: 177,227
NAD 1927 (Survey Feet)	N: 727,680	E: 581,453

Released to Imaging: 7/20/2021 2:11:28 PM

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report



WR File Number: RA-SB-1 Scale: 1:18,484

Northing/Easting: UTM83(92) (Meter): N: 3,651,705 E: 587,050

Northing/Easting: SPCS83(92) (Feet): N: 727,744 E: 622,632

GW Basin: Roswell Artesian

Print Date: 08/20/2013

Scott A. Verhines, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 532557
File Nbr: RA 12006

Aug. 20, 2013

DAVID HAMILTON
MACK ENERGY
901 RIO GRANDE NW
STE F-142
ALBUQUERQUE, NM 87104

Greetings:

Enclosed is your copy of the above numbered permit that has been approved subject to the conditions set forth on the approval page. In accordance with the conditions of approval, the well can only be tested for 10 cumulative days, and the well is to be plugged on or before 08/31/2014, unless a permit to use the water is acquired from this office.

A Well Record & Log (OSE Form wr-20) shall be filed in this office within twenty (20) days after completion of drilling, but no later than 08/31/2014.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us or will be mailed upon request.

Sincerely,

Rachel Garcia
(575)622-6521

Enclosure

explore

Logger:	David Hamilton	**Client:**	**Well ID:**
Driller:	Mack Energy Rathole Drilling Group	Mack Energy	
Drilling Method:	Augur	**Project Name:**	**SB-1**
Start Date:	8/20/2013	Round Tank Permanent Pits	
End Date:	8/20/2013	**Location:**	
		Section 19, T 15S, R 29E,	

Depth (feet)	Description	Lithology	Comments	Depth (feet)
0.0	Surface, tan to red, 0 - 0.5 feet			0.0
1.0	Fine-grained sand, silt, caliche, white-tan, 0.5 - 7 feet		Caliche almost continuous in this interval	1.0
2.0				2.0
3.0				3.0
4.0				4.0
5.0				5.0
6.0				6.0
7.0	Very fine-grained sand, silt , some caliche, red-tan, 7- 12 feet			7.0
8.0				8.0
9.0				9.0
10.0				10.0
11.0				11.0
12.0	Very fine-grained sand, silt , red- brown, 12- 23 feet			12.0
13.0				13.0
14.0				14.0
15.0				15.0
16.0				16.0
17.0				17.0
18.0				18.0
19.0				19.0
20.0				20.0
21.0				21.0
22.0				22.0
23.0	Very fine-grained sand, silt, some clay (depth intervals with higher percentage clay shown on Lithology), red-brown, 23-44 feet			23.0
24.0				24.0
25.0				25.0
26.0				26.0
27.0				27.0
28.0				28.0
29.0				29.0
30.0				30.0
31.0				31.0
32.0				32.0
33.0				33.0
34.0				34.0
35.0				35.0
36.0				36.0
37.0				37.0
38.0				38.0
39.0				39.0
40.0				40.0
41.0				41.0
42.0				42.0
43.0				43.0
44.0	Very fine-grained sandstone,well sorted, tan-red, 44- 47 feet		Possible Upper Santa Rosa Formation contact	44.0
45.0				45.0
46.0				46.0
47.0	Fine-grained sand, tan, 47 - 52 feet			47.0
48.0				48.0
49.0				49.0
50.0				50.0
51.0				51.0
52.0	Fine-grained sand, some clay, red-tan, 52-60 feet,			52.0
53.0				53.0
54.0				54.0
55.0				55.0
56.0				56.0
57.0				57.0
58.0				58.0
59.0			Hard Drilling	59.0
60.0	Very fine-grained sand, silt, tan, 60-63 feet			60.0
61.0				61.0
62.0				62.0
63.0	Very fine-grained sand, silt, some clay, red-brown, 63-71 feet			63.0
64.0				64.0
65.0				65.0
66.0			Hard Drilling, Some pinning of the Dri Tools flights was necessary.	66.0
67.0				67.0
68.0				68.0
69.0				69.0
70.0				70.0
71.0	Limestone, tan-grey, 71-73 feet			71.0
72.0				72.0
73.0	Very fine-grained sand, silt, some clay, red-brown, 73-80 feet			73.0
74.0				74.0
75.0			Misalignment of hole beneath the limestone caused drilling difficulties. Boring was terminated at 80 feet.	75.0
76.0				76.0
77.0				77.0
78.0				78.0
79.0				79.0
80.0				80.0

R.T. Hicks Consultants, Ltd 901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104 505-266-5004	**Mack Energy**	**Plate 1**
	SB-1 Drilling Log	**August 2013**

Logger:	David Hamilton	**Client:**	**Well ID:**
Driller:	Mack Energy Rathole Drilling Group	Mack Energy	
Drilling Method:	Augur	**Project Name:**	
Start Date:	8/20/2013	Round Tank Permanent Pits	**SB-2**
End Date:	8/20/2013	**Location:**	
		Section 19, T 15S, R 29E,	

Depth (feet)	Description	Lithology	Comments	Depth (feet)
0.0	Surface, tan, 0 - 1 feet			0.0
1.0	Very fine-grained sand, silt, caliche, light tan, 0.5 - 8 feet		Caliche almost continuous in this interval	1.0
2.0				2.0
3.0				3.0
4.0				4.0
5.0				5.0
6.0				6.0
7.0				7.0
8.0	Very fine-grained sand, silt , some caliche, red-tan, 8-18 feet			8.0
9.0				9.0
10.0				10.0
11.0				11.0
12.0				12.0
13.0				13.0
14.0				14.0
15.0				15.0
16.0				16.0
17.0				17.0
18.0	Very fine-grained sand, silt , intermittent clay beds, red-tan, 18- 34 feet			18.0
19.0				19.0
20.0				20.0
21.0				21.0
22.0				22.0
23.0				23.0
24.0				24.0
25.0				25.0
26.0				26.0
27.0				27.0
28.0				28.0
29.0				29.0
30.0				30.0
31.0				31.0
32.0				32.0
33.0				33.0
34.0	Fine-grained sand, silt, red-tan, 34-38 feet		Sand is "soft' in touch	34.0
35.0				35.0
36.0				36.0
37.0				37.0
38.0	Fine-grained sand, silt, some induration red-brown, 38-41 feet		Possible upper Santa Rosa Formation contact	38.0
39.0				39.0
40.0				40.0
41.0	Very fine-grained sand, silt, some clay, red-brown, 41-58 feet			41.0
42.0				42.0
43.0				43.0
44.0				44.0
45.0				45.0
46.0				46.0
47.0				47.0
48.0				48.0
49.0				49.0
50.0				50.0
51.0				51.0
52.0				52.0
53.0				53.0
54.0				54.0
55.0				55.0
56.0				56.0
57.0				57.0
58.0	Very fine-grained sand, silt, little clay, red-brown, 58-63 feet			58.0
59.0				59.0
60.0				60.0
61.0				61.0
62.0				62.0
63.0	Very fine-grained sand, silt, light-brown, 63-72 feet			63.0
64.0				64.0
65.0				65.0
66.0				66.0
67.0				67.0
68.0				68.0
69.0				69.0
70.0				70.0
71.0				71.0
72.0	Very fine-grained sand, silt, red-brown, 72-76 feet			72.0
73.0				73.0
74.0				74.0
75.0				75.0
76.0	Very fine-grained sand, silt, some clay, red-brown, 76-83 feet			76.0
77.0				77.0
78.0				78.0
79.0				79.0
80.0				80.0
81.0				81.0
82.0				82.0
83.0	Limestone, grey, 83-84 feet			83.0
84.0	Fine-grained sand, silt, red-brown, 84-85 feet		Drilling difficulties beneath the limestoneresulted in boring termination at 85 feet.	84.0
85.0				85.0

R.T. Hicks Consultants, Ltd 901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104 505-266-5004	**Mack Energy**	**Plate 2**
	SB-2 Drilling Log	**August 2013**

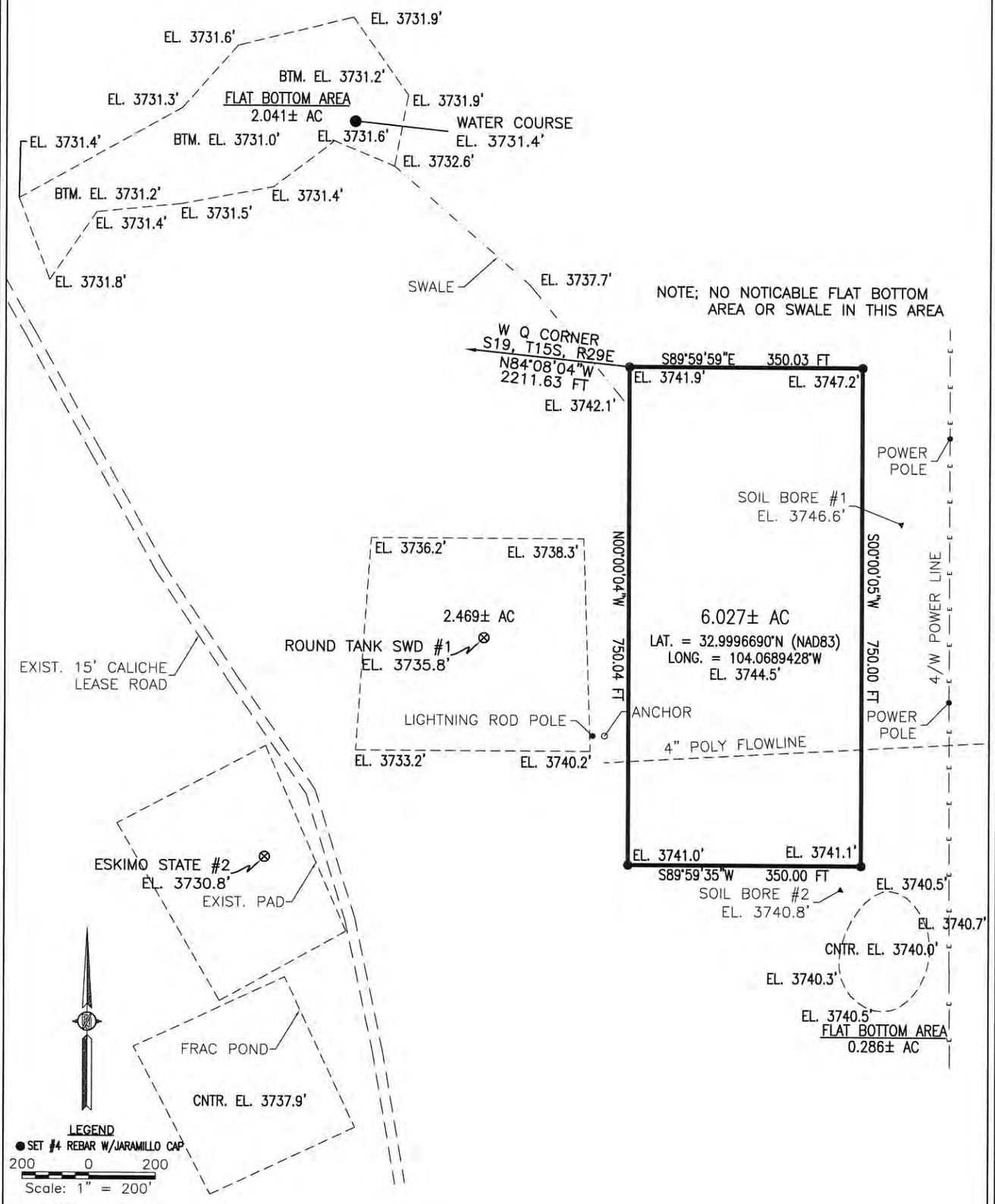
Plate 3: Site Survey

VICINITY SKETCH OF ROUND TANK PERMANENT PIT

MACK ENERGY CORPORATION

IN THE N/2 NW/4 SW/4 OF
SECTION 19, TOWNSHIP 15 SOUTH, RANGE 29 EAST, N.M.P.M.
CHAVES COUNTY, STATE OF NEW MEXICO

AUGUST 20, 2013



GENERAL NOTES

1.) THE INTENT OF THIS SURVEY IS TO ACQUIRE A BUSINESS LEASE FOR THE PURPOSE OF BUILDING A FRAC. POND

2.) BASIS OF BEARING IS NEW MEXICO STATE PLANE EAST ZONE

MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3341

SHEET: 1-3

SURVEY NO. 2219

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 *CARLSBAD, NEW MEXICO*

Appendix B

Laboratory Reports

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Select Energy Montreal 1H

Project Number: 19-0179-04

Location: NM

Lab Order Number: 9K14018

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-17-8

Report Date: 11/19/19

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1 (0.5)	9K14018-01	Soil	11/13/19 12:31	11-14-2019 11:09
SP-1 (1)	9K14018-02	Soil	11/13/19 12:33	11-14-2019 11:09
SP-2 (0.5)	9K14018-03	Soil	11/13/19 12:34	11-14-2019 11:09
SP-2 (1)	9K14018-04	Soil	11/13/19 12:35	11-14-2019 11:09
SP-3 (0.5)	9K14018-05	Soil	11/13/19 12:37	11-14-2019 11:09
SP-3 (1)	9K14018-06	Soil	11/13/19 12:38	11-14-2019 11:09
SP-4 (0.5)	9K14018-07	Soil	11/13/19 12:36	11-14-2019 11:09
SP-4 (1)	9K14018-08	Soil	11/13/19 12:37	11-14-2019 11:09
SP-5 (0.5)	9K14018-09	Soil	11/13/19 12:40	11-14-2019 11:09
SP-5 (1)	9K14018-10	Soil	11/13/19 12:41	11-14-2019 11:09
SP-6 (0.5)	9K14018-11	Soil	11/13/19 12:39	11-14-2019 11:09
SP-6 (1)	9K14018-12	Soil	11/13/19 12:40	11-14-2019 11:09
SP-7 (0.5)	9K14018-13	Soil	11/13/19 12:43	11-14-2019 11:09
SP-7 (1)	9K14018-14	Soil	11/13/19 12:44	11-14-2019 11:09
SP-8 (0.5)	9K14018-15	Soil	11/13/19 12:42	11-14-2019 11:09
SP-9 (0.5)	9K14018-16	Soil	11/13/19 12:45	11-14-2019 11:09
SP-9 (1)	9K14018-17	Soil	11/13/19 12:46	11-14-2019 11:09
SP-10 (0.5)	9K14018-18	Soil	11/13/19 12:45	11-14-2019 11:09
SP-10 (1)	9K14018-19	Soil	11/13/19 12:46	11-14-2019 11:09
SP-11 (0.5)	9K14018-20	Soil	11/13/19 12:50	11-14-2019 11:09
SP-11 (1)	9K14018-21	Soil	11/13/19 12:51	11-14-2019 11:09
SP-12 (0.5)	9K14018-22	Soil	11/13/19 12:52	11-14-2019 11:09
SP-12 (1)	9K14018-23	Soil	11/13/19 12:55	11-14-2019 11:09
SP-13 (0.5)	9K14018-24	Soil	11/13/19 12:56	11-14-2019 11:09
SP-13 (1)	9K14018-25	Soil	11/13/19 12:57	11-14-2019 11:09
SP-14 (0.5)	9K14018-26	Soil	11/13/19 12:56	11-14-2019 11:09
SP-14 (1)	9K14018-27	Soil	11/13/19 12:57	11-14-2019 11:09
SP-15 (0.5)	9K14018-28	Soil	11/13/19 13:00	11-14-2019 11:09
SP-15 (1)	9K14018-29	Soil	11/13/19 13:01	11-14-2019 11:09
SP-16 (0.5)	9K14018-30	Soil	11/13/19 13:02	11-14-2019 11:09
SP-16 (1)	9K14018-31	Soil	11/13/19 13:03	11-14-2019 11:09
SP-17 (0.5)	9K14018-32	Soil	11/13/19 13:05	11-14-2019 11:09
SP-17 (1)	9K14018-33	Soil	11/13/19 13:07	11-14-2019 11:09
SP-18 (0.5)	9K14018-34	Soil	11/13/19 13:11	11-14-2019 11:09

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-18 (1)	9K14018-35	Soil	11/13/19 13:15	11-14-2019 11:09
SP-19 (0.5)	9K14018-36	Soil	11/13/19 13:20	11-14-2019 11:09
SP-20 (0.5)	9K14018-37	Soil	11/13/19 13:30	11-14-2019 11:09
SP-21 (0.5)	9K14018-38	Soil	11/13/19 13:35	11-14-2019 11:09
SP-22 (0.5)	9K14018-39	Soil	11/13/19 13:38	11-14-2019 11:09
SP-22 (1)	9K14018-40	Soil	11/13/19 13:39	11-14-2019 11:09
SP-23 (0.5)	9K14018-41	Soil	11/13/19 13:41	11-14-2019 11:09
SP-23 (1)	9K14018-42	Soil	11/13/19 13:43	11-14-2019 11:09
SP-24 (0.5)	9K14018-43	Soil	11/13/19 13:44	11-14-2019 11:09
SP-24 (1)	9K14018-44	Soil	11/13/19 13:45	11-14-2019 11:09
SP-25 (0.5)	9K14018-45	Soil	11/13/19 13:50	11-14-2019 11:09
SP-25 (1)	9K14018-46	Soil	11/13/19 13:53	11-14-2019 11:09

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-1 (0.5)

9K14018-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00115	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	ND	0.00115	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*112 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*108 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10300**	11.5	mg/kg dry	10	P9K1514	11/15/19	11/15/19	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*81.2 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*88.6 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-1 (1)

9K14018-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	**0.00267**	0.00222	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*103 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**9230**	11.1	mg/kg dry	10	P9K1514	11/15/19	11/15/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*80.9 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*86.8 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-2 (0.5)

9K14018-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	**0.00226**	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	**0.00497**	0.00225	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	**0.00166**	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*113 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12200**	11.2	mg/kg dry	10	P9K1514	11/15/19	11/15/19	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*81.0 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*86.1 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-2 (1)

9K14018-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*103 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*116 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10200**	11.4	mg/kg dry	10	P9K1514	11/15/19	11/15/19	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.0 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*88.7 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-3 (0.5)

9K14018-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.5 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4560**	11.2	mg/kg dry	10	P9K1514	11/15/19	11/15/19	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.6 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.8 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-3 (1)

9K14018-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*115 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**323**	1.11	mg/kg dry	1	P9K1514	11/15/19	11/15/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*79.2 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*86.1 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-4 (0.5)

9K14018-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7740**	11.0	mg/kg dry	10	P9K1514	11/15/19	11/15/19	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P9K1504	11/15/19	11/18/19	TPH 8015M	
>C12-C28	**39.5**	27.5	mg/kg dry	1	P9K1504	11/15/19	11/18/19	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P9K1504	11/15/19	11/18/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.9 %*	*70-130*		*P9K1504*	*11/15/19*	*11/18/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.9 %*	*70-130*		*P9K1504*	*11/15/19*	*11/18/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**39.5**	27.5	mg/kg dry	1	[CALC]	11/15/19	11/18/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-4 (1)

9K14018-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00115	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	ND	0.00115	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*112 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**9390**	11.5	mg/kg dry	10	P9K1514	11/15/19	11/15/19	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.1 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.2 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-5 (0.5)

9K14018-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	**0.161**	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.7 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4740**	11.1	mg/kg dry	10	P9K1514	11/15/19	11/15/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	**39.6**	27.8	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*84.7 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.5 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**39.6**	27.8	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-5 (1)

9K14018-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	**0.00897**	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*103 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4360**	11.1	mg/kg dry	10	P9K1514	11/15/19	11/15/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.4 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.8 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-6 (0.5)

9K14018-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4730**	10.9	mg/kg dry	10	P9K1514	11/15/19	11/15/19	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.4 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.4 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-6 (1)

9K14018-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.3 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**503**	1.10	mg/kg dry	1	P9K1514	11/15/19	11/16/19	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.7 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.0 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-7 (0.5)

9K14018-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.1 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7110**	11.0	mg/kg dry	10	P9K1514	11/15/19	11/16/19	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.1 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-7 (1)

9K14018-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*108 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*114 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1510**	5.68	mg/kg dry	5	P9K1514	11/15/19	11/16/19	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	**53.0**	28.4	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	**33.8**	28.4	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.0 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.8 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**86.8**	28.4	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-8 (0.5)

9K14018-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00115	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Toluene	ND	0.00115	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P9K1409	11/14/19	11/15/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P9K1409*	*11/14/19*	*11/15/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6490**	11.5	mg/kg dry	10	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	**44.5**	28.7	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.2 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**44.5**	28.7	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-9 (0.5)

9K14018-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/16/19	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P9K1409	11/14/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/16/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*114 %*	*75-125*		*P9K1409*	*11/14/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P9K1409*	*11/14/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1370**	5.62	mg/kg dry	5	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.3 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-9 (1)

9K14018-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/16/19	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P9K1409	11/14/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P9K1409	11/14/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.2 %*	*75-125*		*P9K1409*	*11/14/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		*P9K1409*	*11/14/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7520**	11.2	mg/kg dry	10	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.1 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-10 (0.5)

9K14018-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*119 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8130**	11.0	mg/kg dry	10	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P9K1504	11/15/19	11/15/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.4 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P9K1504*	*11/15/19*	*11/15/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	11/15/19	11/15/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-10 (1)

9K14018-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.7 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7270**	11.2	mg/kg dry	10	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P9K1504	11/15/19	11/16/19	TPH 8015M	
>C12-C28	**28.6**	28.1	mg/kg dry	1	P9K1504	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P9K1504	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.8 %*	*70-130*		*P9K1504*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.8 %*	*70-130*		*P9K1504*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**28.6**	28.1	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-11 (0.5)

9K14018-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1730**	5.49	mg/kg dry	5	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P9K1504	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P9K1504	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P9K1504	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.1 %*	*70-130*		*P9K1504*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P9K1504*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-11 (1)

9K14018-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.4 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*86.1 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**432**	1.10	mg/kg dry	1	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	**28.2**	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.6 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**28.2**	27.5	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-12 (0.5)

9K14018-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*117 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6940**	11.0	mg/kg dry	10	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.5 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.3 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-12 (1)

9K14018-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1700**	5.49	mg/kg dry	5	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-13 (0.5)

9K14018-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*91.7 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*93.8 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8570**	11.0	mg/kg dry	10	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*116 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*121 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-13 (1)

9K14018-25 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.7 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6320**	11.1	mg/kg dry	10	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.4 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-14 (0.5)

9K14018-26 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.3 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**9540**	11.1	mg/kg dry	10	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.8 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-14 (1)

9K14018-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*93.6 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.1 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**957**	1.12	mg/kg dry	1	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15 (0.5)

9K14018-28 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*115 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*110 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**9870**	11.1	mg/kg dry	10	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.0 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15 (1)

9K14018-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00123	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00123	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00123	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00247	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00123	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2810**	6.17	mg/kg dry	5	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**19.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	30.9	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	30.9	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	30.9	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*116 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	30.9	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-16 (0.5)

9K14018-30 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*116 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*110 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1510**	5.56	mg/kg dry	5	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-16 (1)

9K14018-31 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*109 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*112 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**187**	1.14	mg/kg dry	1	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P9K1502	11/15/19	11/15/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*111 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-17 (0.5)

9K14018-32 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2810**	10.8	mg/kg dry	10	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*111 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-17 (1)

9K14018-33 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*112 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**236**	1.11	mg/kg dry	1	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-18 (0.5)

9K14018-34 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6900**	10.9	mg/kg dry	10	P9K1515	11/15/19	11/16/19	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P9K1505	11/15/19	11/18/19	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P9K1505	11/15/19	11/18/19	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P9K1505	11/15/19	11/18/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.3 %*	*70-130*		*P9K1505*	*11/15/19*	*11/18/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.4 %*	*70-130*		*P9K1505*	*11/15/19*	*11/18/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	11/15/19	11/18/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-18 (1)

9K14018-35 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00116	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00116	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*117 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2890**	11.6	mg/kg dry	10	P9K1516	11/15/19	11/16/19	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.1	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	**56.8**	29.1	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	**33.7**	29.1	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**90.5**	29.1	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19 (0.5)

9K14018-36 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*117 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5640**	11.2	mg/kg dry	10	P9K1516	11/15/19	11/16/19	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P9K1505	11/15/19	11/18/19	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P9K1505	11/15/19	11/18/19	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P9K1505	11/15/19	11/18/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.9 %*	*70-130*		*P9K1505*	*11/15/19*	*11/18/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P9K1505*	*11/15/19*	*11/18/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	11/15/19	11/18/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-20 (0.5)

9K14018-37 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00115	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00115	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P9K1503	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P9K1503*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11900**	11.5	mg/kg dry	10	P9K1516	11/15/19	11/16/19	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.9 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-21 (0.5)

9K14018-38 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*118 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.8 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11300**	11.4	mg/kg dry	10	P9K1516	11/15/19	11/16/19	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-22 (0.5)

9K14018-39 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**157**	1.03	mg/kg dry	1	P9K1516	11/15/19	11/16/19	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.3 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-22 (1)

9K14018-40 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**54.8**	1.10	mg/kg dry	1	P9K1516	11/15/19	11/16/19	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P9K1505	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*113 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P9K1505*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-23 (0.5)

9K14018-41 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*115 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**17.4**	1.03	mg/kg dry	1	P9K1516	11/15/19	11/16/19	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P9K1506*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P9K1506*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-23 (1)

9K14018-42 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00105	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*110 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**9.09**	1.05	mg/kg dry	1	P9K1516	11/15/19	11/16/19	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*119 %*	*70-130*		*P9K1506*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*126 %*	*70-130*		*P9K1506*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-24 (0.5)

9K14018-43 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00106	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**34.1**	1.06	mg/kg dry	1	P9K1516	11/15/19	11/16/19	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*122 %*	*70-130*		*P9K1506*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*128 %*	*70-130*		*P9K1506*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-24 (1)

9K14018-44 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00106	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*89.2 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**25.4**	1.06	mg/kg dry	1	P9K1516	11/15/19	11/16/19	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.0 %*	*70-130*		*P9K1506*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P9K1506*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-25 (0.5)

9K14018-45 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.9 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*112 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**29.8**	1.08	mg/kg dry	1	P9K1516	11/15/19	11/17/19	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.5 %*	*70-130*		*P9K1506*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P9K1506*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-25 (1)

9K14018-46 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00106	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P9K1509	11/15/19	11/16/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*115 %*	*75-125*		*P9K1509*	*11/15/19*	*11/16/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.0**	1.06	mg/kg dry	1	P9K1516	11/15/19	11/17/19	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P9K1805	11/18/19	11/18/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
>C12-C28	**30.0**	26.6	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P9K1506	11/15/19	11/16/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.7 %*	*70-130*		*P9K1506*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P9K1506*	*11/15/19*	*11/16/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**30.0**	26.6	mg/kg dry	1	[CALC]	11/15/19	11/16/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1409 - General Preparation (GC)										
Blank (P9K1409-BLK1)				Prepared: 11/14/19 Analyzed: 11/15/19						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*96.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.137*		*"*	*0.120*		*114*	*75-125*			
LCS (P9K1409-BS1)				Prepared: 11/14/19 Analyzed: 11/15/19						
Benzene	0.0930	0.00100	mg/kg wet	0.100		93.0	70-130			
Toluene	0.104	0.00100	"	0.100		104	70-130			
Ethylbenzene	0.106	0.00100	"	0.100		106	70-130			
Xylene (p/m)	0.207	0.00200	"	0.200		103	70-130			
Xylene (o)	0.109	0.00100	"	0.100		109	70-130			
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.120*		*107*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
LCS Dup (P9K1409-BSD1)				Prepared: 11/14/19 Analyzed: 11/15/19						
Benzene	0.0961	0.00100	mg/kg wet	0.100		96.1	70-130	3.31	20	
Toluene	0.108	0.00100	"	0.100		108	70-130	3.92	20	
Ethylbenzene	0.113	0.00100	"	0.100		113	70-130	6.44	20	
Xylene (p/m)	0.216	0.00200	"	0.200		108	70-130	4.05	20	
Xylene (o)	0.103	0.00100	"	0.100		103	70-130	5.58	20	
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.120*		*107*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*103*	*75-125*			
Calibration Blank (P9K1409-CCB1)				Prepared: 11/14/19 Analyzed: 11/15/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.136*		*"*	*0.120*		*113*	*75-125*			

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Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1409 - General Preparation (GC)										
Calibration Blank (P9K1409-CCB2)				Prepared: 11/14/19 Analyzed: 11/15/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.133*		*"*	*0.120*		*111*	*75-125*			
Calibration Blank (P9K1409-CCB3)				Prepared: 11/14/19 Analyzed: 11/16/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.136*		*"*	*0.120*		*113*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*107*	*75-125*			
Calibration Check (P9K1409-CCV1)				Prepared: 11/14/19 Analyzed: 11/15/19						
Benzene	0.0904	0.00100	mg/kg wet	0.100		90.4	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 1,4-Difluorobenzene	*0.141*		*"*	*0.120*		*117*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
Calibration Check (P9K1409-CCV2)				Prepared: 11/14/19 Analyzed: 11/15/19						
Benzene	0.0894	0.00100	mg/kg wet	0.100		89.4	80-120			
Toluene	0.0998	0.00100	"	0.100		99.8	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.3	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.133*		*"*	*0.120*		*111*	*75-125*			

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Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1409 - General Preparation (GC)										
Calibration Check (P9K1409-CCV3)				Prepared: 11/14/19 Analyzed: 11/16/19						
Benzene	0.0979	0.00100	mg/kg wet	0.100		97.9	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
Matrix Spike (P9K1409-MS1)		**Source: 9K12003-04**		Prepared: 11/14/19 Analyzed: 11/16/19						
Benzene	0.100	0.00125	mg/kg dry	0.125	ND	80.3	80-120			
Toluene	0.106	0.00125	"	0.125	ND	84.5	80-120			
Ethylbenzene	0.138	0.00125	"	0.125	ND	110	80-120			
Xylene (p/m)	0.212	0.00250	"	0.250	ND	84.6	80-120			
Xylene (o)	0.117	0.00125	"	0.125	ND	93.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.165*		*"*	*0.150*		*110*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.174*		*"*	*0.150*		*116*	*75-125*			
Matrix Spike Dup (P9K1409-MSD1)		**Source: 9K12003-04**		Prepared: 11/14/19 Analyzed: 11/16/19						
Benzene	0.105	0.00125	mg/kg dry	0.125	ND	84.0	80-120	4.48	20	
Toluene	0.107	0.00125	"	0.125	ND	85.6	80-120	1.29	20	
Ethylbenzene	0.128	0.00125	"	0.125	ND	103	80-120	6.97	20	
Xylene (p/m)	0.197	0.00250	"	0.250	ND	78.8	80-120	7.07	20	QM-05
Xylene (o)	0.104	0.00125	"	0.125	ND	83.0	80-120	12.2	20	
Surrogate: 1,4-Difluorobenzene	*0.171*		*"*	*0.150*		*114*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.162*		*"*	*0.150*		*108*	*75-125*			
Batch P9K1503 - General Preparation (GC)										
Blank (P9K1503-BLK1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.132*		*"*	*0.120*		*110*	*75-125*			

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Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1503 - General Preparation (GC)										
LCS (P9K1503-BS1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.100	0.00100	mg/kg wet	0.100		100	70-130			
Toluene	0.108	0.00100	"	0.100		108	70-130			
Ethylbenzene	0.116	0.00100	"	0.100		116	70-130			
Xylene (p/m)	0.216	0.00200	"	0.200		108	70-130			
Xylene (o)	0.111	0.00100	"	0.100		111	70-130			
Surrogate: 1,4-Difluorobenzene	*0.139*		*"*	*0.120*		*116*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.131*		*"*	*0.120*		*109*	*75-125*			
LCS Dup (P9K1503-BSD1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	70-130	0.607	20	
Toluene	0.113	0.00100	"	0.100		113	70-130	4.10	20	
Ethylbenzene	0.119	0.00100	"	0.100		119	70-130	2.58	20	
Xylene (p/m)	0.221	0.00200	"	0.200		111	70-130	2.38	20	
Xylene (o)	0.112	0.00100	"	0.100		112	70-130	1.28	20	
Surrogate: 4-Bromofluorobenzene	*0.138*		*"*	*0.120*		*115*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.142*		*"*	*0.120*		*119*	*75-125*			
Calibration Blank (P9K1503-CCB1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*107*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.136*		*"*	*0.120*		*113*	*75-125*			
Calibration Blank (P9K1503-CCB2)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.134*		*"*	*0.120*		*111*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.139*		*"*	*0.120*		*116*	*75-125*			

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Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1503 - General Preparation (GC)										
Calibration Blank (P9K1503-CCB3)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.138*		*"*	*0.120*		*115*	*75-125*			
Calibration Check (P9K1503-CCV1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.0979	0.00100	mg/kg wet	0.100		97.9	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
Calibration Check (P9K1503-CCV2)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.0920	0.00100	mg/kg wet	0.100		92.0	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 1,4-Difluorobenzene	*0.136*		*"*	*0.120*		*113*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.2*	*75-125*			
Calibration Check (P9K1503-CCV3)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.0974	0.00100	mg/kg wet	0.100		97.4	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	*0.131*		*"*	*0.120*		*109*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.143*		*"*	*0.120*		*119*	*75-125*			

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Project: Select Energy Montreal 1H
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Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1503 - General Preparation (GC)										
Matrix Spike (P9K1503-MS1)		**Source: 9K14018-18**		Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.0712	0.00110	mg/kg dry	0.110	ND	64.8	80-120			QM-05
Toluene	0.0750	0.00110	"	0.110	ND	68.3	80-120			QM-05
Ethylbenzene	0.0777	0.00110	"	0.110	ND	70.7	80-120			QM-05
Xylene (p/m)	0.154	0.00220	"	0.220	ND	69.9	80-120			QM-05
Xylene (o)	0.0796	0.00110	"	0.110	ND	72.5	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.132*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.129*		*"*	*0.132*		*97.8*	*75-125*			
Matrix Spike Dup (P9K1503-MSD1)		**Source: 9K14018-18**		Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.0744	0.00110	mg/kg dry	0.110	ND	67.7	80-120	4.29	20	QM-05
Toluene	0.0834	0.00110	"	0.110	ND	75.9	80-120	10.6	20	QM-05
Ethylbenzene	0.105	0.00110	"	0.110	ND	95.4	80-120	29.7	20	QM-05
Xylene (p/m)	0.165	0.00220	"	0.220	ND	75.1	80-120	7.26	20	QM-05
Xylene (o)	0.0858	0.00110	"	0.110	ND	78.1	80-120	7.49	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.140*		*"*	*0.132*		*106*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.140*		*"*	*0.132*		*106*	*75-125*			
Batch P9K1509 - General Preparation (GC)										
Blank (P9K1509-BLK1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*96.9*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.106*		*"*	*0.120*		*88.7*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1509 - General Preparation (GC)										
LCS (P9K1509-BS1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.0864	0.00100	mg/kg wet	0.100		86.4	70-130			
Toluene	0.0970	0.00100	"	0.100		97.0	70-130			
Ethylbenzene	0.104	0.00100	"	0.100		104	70-130			
Xylene (p/m)	0.193	0.00200	"	0.200		96.6	70-130			
Xylene (o)	0.0984	0.00100	"	0.100		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.3*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
LCS Dup (P9K1509-BSD1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.0948	0.00100	mg/kg wet	0.100		94.8	70-130	9.26	20	
Toluene	0.106	0.00100	"	0.100		106	70-130	8.64	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	70-130	4.93	20	
Xylene (p/m)	0.210	0.00200	"	0.200		105	70-130	8.37	20	
Xylene (o)	0.115	0.00100	"	0.100		115	70-130	15.3	20	
Surrogate: 1,4-Difluorobenzene	*0.131*		*"*	*0.120*		*109*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.135*		*"*	*0.120*		*112*	*75-125*			
Calibration Blank (P9K1509-CCB1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.138*		*"*	*0.120*		*115*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Calibration Blank (P9K1509-CCB2)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.137*		*"*	*0.120*		*114*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			

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Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1509 - General Preparation (GC)										
Calibration Blank (P9K1509-CCB3)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.142*		*"*	*0.120*		*119*	*75-125*			
Calibration Check (P9K1509-CCV1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.0974	0.00100	mg/kg wet	0.100		97.4	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	*0.131*		*"*	*0.120*		*109*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.143*		*"*	*0.120*		*119*	*75-125*			
Calibration Check (P9K1509-CCV2)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.0963	0.00100	mg/kg wet	0.100		96.3	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	*0.130*		*"*	*0.120*		*108*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*75-125*			
Calibration Check (P9K1509-CCV3)				Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.0931	0.00100	mg/kg wet	0.100		93.1	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.120*		*107*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1509 - General Preparation (GC)										
Matrix Spike (P9K1509-MS1)	**Source: 9K14018-38**			Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.0806	0.00114	mg/kg dry	0.114	ND	70.9	80-120			QM-05
Toluene	0.0873	0.00114	"	0.114	ND	76.8	80-120			QM-05
Ethylbenzene	0.0914	0.00114	"	0.114	ND	80.4	80-120			
Xylene (p/m)	0.154	0.00227	"	0.227	ND	67.6	80-120			QM-05
Xylene (o)	0.0753	0.00114	"	0.114	ND	66.2	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.141*		*"*	*0.136*		*104*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.152*		*"*	*0.136*		*111*	*75-125*			
Matrix Spike Dup (P9K1509-MSD1)	**Source: 9K14018-38**			Prepared: 11/15/19 Analyzed: 11/16/19						
Benzene	0.0790	0.00114	mg/kg dry	0.114	ND	69.5	80-120	2.02	20	QM-05
Toluene	0.0814	0.00114	"	0.114	ND	71.6	80-120	7.02	20	QM-05
Ethylbenzene	0.0759	0.00114	"	0.114	ND	66.8	80-120	18.6	20	QM-05
Xylene (p/m)	0.145	0.00227	"	0.227	ND	63.7	80-120	5.93	20	QM-05
Xylene (o)	0.0747	0.00114	"	0.114	ND	65.7	80-120	0.834	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.135*		*"*	*0.136*		*99.2*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.143*		*"*	*0.136*		*105*	*75-125*			

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Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1502 - * DEFAULT PREP *** **										
Blank (P9K1502-BLK1)				Prepared & Analyzed: 11/15/19						
% Moisture	ND	0.1	%							
Duplicate (P9K1502-DUP1)		**Source: 9K14011-02**		Prepared & Analyzed: 11/15/19						
% Moisture	15.0	0.1	%		15.0			0.00	20	
Duplicate (P9K1502-DUP2)		**Source: 9K14018-04**		Prepared & Analyzed: 11/15/19						
% Moisture	13.0	0.1	%		12.0			8.00	20	
Duplicate (P9K1502-DUP3)		**Source: 9K14018-31**		Prepared & Analyzed: 11/15/19						
% Moisture	12.0	0.1	%		12.0			0.00	20	
Batch P9K1514 - * DEFAULT PREP *** **										
Blank (P9K1514-BLK1)				Prepared & Analyzed: 11/15/19						
Chloride	ND	0.100	mg/kg wet							
LCS (P9K1514-BS1)				Prepared & Analyzed: 11/15/19						
Chloride	428	1.00	mg/kg wet	400		107	80-120			
LCS Dup (P9K1514-BSD1)				Prepared & Analyzed: 11/15/19						
Chloride	427	1.00	mg/kg wet	400		107	80-120	0.206	20	
Calibration Blank (P9K1514-CCB1)				Prepared & Analyzed: 11/15/19						
Chloride	0.00		mg/kg wet							
Calibration Blank (P9K1514-CCB2)				Prepared & Analyzed: 11/15/19						
Chloride	0.00		mg/kg wet							

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Midland TX, 79710	Project Manager: Mark Larson	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1514 - * DEFAULT PREP *** **										
Calibration Check (P9K1514-CCV1)				Prepared & Analyzed: 11/15/19						
Chloride	20.3		mg/kg	20.0		102	0-200			
Calibration Check (P9K1514-CCV2)				Prepared & Analyzed: 11/15/19						
Chloride	20.8		mg/kg	20.0		104	0-200			
Calibration Check (P9K1514-CCV3)				Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	21.0		mg/kg	20.0		105	0-200			
Matrix Spike (P9K1514-MS1)		**Source: 9K15005-01**		Prepared & Analyzed: 11/15/19						
Chloride	10800	11.1	mg/kg dry	1110	9330	136	80-120			
Matrix Spike (P9K1514-MS2)		**Source: 9K14018-05**		Prepared & Analyzed: 11/15/19						
Chloride	5830	11.2	mg/kg dry	1120	4560	113	80-120			
Matrix Spike Dup (P9K1514-MSD1)		**Source: 9K15005-01**		Prepared & Analyzed: 11/15/19						
Chloride	10800	11.1	mg/kg dry	1110	9330	132	80-120	0.480	20	
Matrix Spike Dup (P9K1514-MSD2)		**Source: 9K14018-05**		Prepared & Analyzed: 11/15/19						
Chloride	5870	11.2	mg/kg dry	1120	4560	116	80-120	0.605	20	
Batch P9K1515 - * DEFAULT PREP *** **										
Blank (P9K1515-BLK1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	ND	0.100	mg/kg wet							
LCS (P9K1515-BS1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	423	1.00	mg/kg wet	400		106	80-120			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1515 - * DEFAULT PREP *** **										
LCS Dup (P9K1515-BSD1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	421	1.00	mg/kg wet	400		105	80-120	0.457	20	
Calibration Blank (P9K1515-CCB1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	0.00		mg/kg wet							
Calibration Blank (P9K1515-CCB2)				Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	0.00		mg/kg wet							
Calibration Check (P9K1515-CCV1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	21.0		mg/kg	20.0		105	0-200			
Calibration Check (P9K1515-CCV2)				Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	21.3		mg/kg	20.0		106	0-200			
Calibration Check (P9K1515-CCV3)				Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	21.3		mg/kg	20.0		107	0-200			
Matrix Spike (P9K1515-MS1)		**Source: 9K14018-15**		Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	7810	11.5	mg/kg dry	1150	6490	114	80-120			
Matrix Spike (P9K1515-MS2)		**Source: 9K14018-25**		Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	7530	11.1	mg/kg dry	1110	6320	108	80-120			
Matrix Spike Dup (P9K1515-MSD1)		**Source: 9K14018-15**		Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	7860	11.5	mg/kg dry	1150	6490	119	80-120	0.700	20	
Matrix Spike Dup (P9K1515-MSD2)		**Source: 9K14018-25**		Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	7490	11.1	mg/kg dry	1110	6320	105	80-120	0.448	20	

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1516 - * DEFAULT PREP *** **										
Blank (P9K1516-BLK1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	ND	0.100	mg/kg wet							
LCS (P9K1516-BS1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	433	1.00	mg/kg wet	400		108	80-120			
LCS Dup (P9K1516-BSD1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	436	1.00	mg/kg wet	400		109	80-120	0.767	20	
Calibration Blank (P9K1516-CCB1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	0.00		mg/kg wet							
Calibration Blank (P9K1516-CCB2)				Prepared: 11/15/19 Analyzed: 11/17/19						
Chloride	0.00		mg/kg wet							
Calibration Check (P9K1516-CCV1)				Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	21.3		mg/kg	20.0		107	0-200			
Calibration Check (P9K1516-CCV2)				Prepared: 11/15/19 Analyzed: 11/17/19						
Chloride	21.1		mg/kg	20.0		105	0-200			
Calibration Check (P9K1516-CCV3)				Prepared: 11/15/19 Analyzed: 11/17/19						
Chloride	21.5		mg/kg	20.0		107	0-200			
Matrix Spike (P9K1516-MS1)		**Source: 9K14018-35**		Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	4250	11.6	mg/kg dry	1160	2890	117	80-120			
Matrix Spike (P9K1516-MS2)		**Source: 9K15002-01**		Prepared: 11/15/19 Analyzed: 11/17/19						
Chloride	10400	26.3	mg/kg dry	2630	7120	123	80-120			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1516 - * DEFAULT PREP *** **										
Matrix Spike Dup (P9K1516-MSD1)	**Source: 9K14018-35**			Prepared: 11/15/19 Analyzed: 11/16/19						
Chloride	4330	11.6	mg/kg dry	1160	2890	123	80-120	1.65	20	
Matrix Spike Dup (P9K1516-MSD2)	**Source: 9K15002-01**			Prepared: 11/15/19 Analyzed: 11/17/19						
Chloride	10300	26.3	mg/kg dry	2630	7120	121	80-120	0.496	20	
Batch P9K1805 - * DEFAULT PREP *** **										
Blank (P9K1805-BLK1)				Prepared & Analyzed: 11/18/19						
% Moisture	ND	0.1	%							
Duplicate (P9K1805-DUP1)	**Source: 9K14018-46**			Prepared & Analyzed: 11/18/19						
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P9K1805-DUP2)	**Source: 9K14020-09**			Prepared & Analyzed: 11/18/19						
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P9K1805-DUP3)	**Source: 9K14023-04**			Prepared & Analyzed: 11/18/19						
% Moisture	14.0	0.1	%		14.0			0.00	20	
Duplicate (P9K1805-DUP4)	**Source: 9K14024-24**			Prepared & Analyzed: 11/18/19						
% Moisture	14.0	0.1	%		14.0			0.00	20	
Duplicate (P9K1805-DUP5)	**Source: 9K15002-02**			Prepared & Analyzed: 11/18/19						
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P9K1805-DUP6)	**Source: 9K15003-15**			Prepared & Analyzed: 11/18/19						
% Moisture	8.0	0.1	%		8.0			0.00	20	

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1504 - TX 1005										
Blank (P9K1504-BLK1)				Prepared & Analyzed: 11/15/19						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*94.7*		*"*	*100*		*94.7*	*70-130*			
Surrogate: o-Terphenyl	*49.6*		*"*	*50.0*		*99.2*	*70-130*			
LCS (P9K1504-BS1)				Prepared & Analyzed: 11/15/19						
C6-C12	933	25.0	mg/kg wet	1000		93.3	75-125			
>C12-C28	1010	25.0	"	1000		101	75-125			
Surrogate: 1-Chlorooctane	*85.1*		*"*	*100*		*85.1*	*70-130*			
Surrogate: o-Terphenyl	*42.4*		*"*	*50.0*		*84.8*	*70-130*			
LCS Dup (P9K1504-BSD1)				Prepared & Analyzed: 11/15/19						
C6-C12	937	25.0	mg/kg wet	1000		93.7	75-125	0.379	20	
>C12-C28	1020	25.0	"	1000		102	75-125	0.311	20	
Surrogate: 1-Chlorooctane	*85.1*		*"*	*100*		*85.1*	*70-130*			
Surrogate: o-Terphenyl	*42.4*		*"*	*50.0*		*84.8*	*70-130*			
Calibration Blank (P9K1504-CCB1)				Prepared & Analyzed: 11/15/19						
C6-C12	9.26		mg/kg wet							
>C12-C28	8.29		"							
Surrogate: 1-Chlorooctane	*86.1*		*"*	*100*		*86.1*	*70-130*			
Surrogate: o-Terphenyl	*45.1*		*"*	*50.0*		*90.2*	*70-130*			
Calibration Blank (P9K1504-CCB2)				Prepared & Analyzed: 11/15/19						
C6-C12	11.1		mg/kg wet							
>C12-C28	6.20		"							
Surrogate: 1-Chlorooctane	*102*		*"*	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*54.0*		*"*	*50.0*		*108*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1504 - TX 1005										
Calibration Check (P9K1504-CCV1)				Prepared & Analyzed: 11/15/19						
C6-C12	503	25.0	mg/kg wet	500		101	85-115			
>C12-C28	523	25.0	"	500		105	85-115			
Surrogate: 1-Chlorooctane	*87.9*		*"*	*100*		*87.9*	*70-130*			
Surrogate: o-Terphenyl	*46.2*		*"*	*50.0*		*92.4*	*70-130*			
Calibration Check (P9K1504-CCV2)				Prepared & Analyzed: 11/15/19						
C6-C12	506	25.0	mg/kg wet	500		101	85-115			
>C12-C28	532	25.0	"	500		106	85-115			
Surrogate: 1-Chlorooctane	*87.9*		*"*	*100*		*87.9*	*70-130*			
Surrogate: o-Terphenyl	*46.0*		*"*	*50.0*		*92.1*	*70-130*			
Matrix Spike (P9K1504-MS1)		**Source: 9K14018-07**		Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	1330	27.5	mg/kg dry	1100	11.8	120	75-125			QM-05
>C12-C28	1440	27.5	"	1100	39.5	128	75-125			QM-05
Surrogate: 1-Chlorooctane	*109*		*"*	*110*		*99.4*	*70-130*			
Surrogate: o-Terphenyl	*56.5*		*"*	*54.9*		*103*	*70-130*			
Matrix Spike Dup (P9K1504-MSD1)		**Source: 9K14018-07**		Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	1200	27.5	mg/kg dry	1100	11.8	108	75-125	10.7	20	QM-05
>C12-C28	1310	27.5	"	1100	39.5	116	75-125	9.72	20	QM-05
Surrogate: 1-Chlorooctane	*98.4*		*"*	*110*		*89.5*	*70-130*			
Surrogate: o-Terphenyl	*51.2*		*"*	*54.9*		*93.2*	*70-130*			
Batch P9K1505 - TX 1005										
LCS (P9K1505-BS1)				Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	1080	25.0	mg/kg wet	1000		108	75-125			
>C12-C28	1200	25.0	"	1000		120	75-125			
Surrogate: 1-Chlorooctane	*98.2*		*"*	*100*		*98.2*	*70-130*			
Surrogate: o-Terphenyl	*48.4*		*"*	*50.0*		*96.8*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1505 - TX 1005										
LCS Dup (P9K1505-BSD1)				Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	1030	25.0	mg/kg wet	1000		103	75-125	4.61	20	
>C12-C28	1140	25.0	"	1000		114	75-125	4.96	20	
Surrogate: 1-Chlorooctane	*114*		*"*	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*47.8*		*"*	*50.0*		*95.6*	*70-130*			
Calibration Blank (P9K1505-CCB1)				Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	12.7		mg/kg wet							
>C12-C28	18.3		"							
Surrogate: 1-Chlorooctane	*104*		*"*	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*54.5*		*"*	*50.0*		*109*	*70-130*			
Calibration Blank (P9K1505-CCB2)				Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	10.8		mg/kg wet							
>C12-C28	21.1		"							
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*54.4*		*"*	*50.0*		*109*	*70-130*			
Calibration Check (P9K1505-CCV1)				Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	567	25.0	mg/kg wet	500		113	85-115			
>C12-C28	554	25.0	"	500		111	85-115			
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*53.8*		*"*	*50.0*		*108*	*70-130*			
Calibration Check (P9K1505-CCV2)				Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	558	25.0	mg/kg wet	500		112	85-115			
>C12-C28	559	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*57.5*		*"*	*50.0*		*115*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1505 - TX 1005										
Matrix Spike (P9K1505-MS1)	**Source: 9K14018-33**			Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	1220	27.8	mg/kg dry	1110	13.0	109	75-125			
>C12-C28	1290	27.8	"	1110	24.1	114	75-125			
Surrogate: 1-Chlorooctane	*108*		*"*	*111*		*96.8*	*70-130*			
Surrogate: o-Terphenyl	*54.0*		*"*	*55.6*		*97.3*	*70-130*			
Batch P9K1506 - TX 1005										
Blank (P9K1506-BLK1)				Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*104*		*"*	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*53.3*		*"*	*50.0*		*107*	*70-130*			
LCS (P9K1506-BS1)				Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	1220	25.0	mg/kg wet	1000		122	75-125			
>C12-C28	1210	25.0	"	1000		121	75-125			
Surrogate: 1-Chlorooctane	*147*		*"*	*140*		*105*	*70-130*			
Surrogate: o-Terphenyl	*71.2*		*"*	*70.0*		*102*	*70-130*			
LCS Dup (P9K1506-BSD1)				Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	963	25.0	mg/kg wet	1000		96.3	75-125	23.6	20	
>C12-C28	1050	25.0	"	1000		105	75-125	14.4	20	
Surrogate: 1-Chlorooctane	*109*		*"*	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*45.2*		*"*	*50.0*		*90.5*	*70-130*			
Calibration Blank (P9K1506-CCB1)				Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	11.6		mg/kg wet							
>C12-C28	6.42		"							
Surrogate: 1-Chlorooctane	*96.6*		*"*	*100*		*96.6*	*70-130*			
Surrogate: o-Terphenyl	*50.0*		*"*	*50.0*		*99.9*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K1506 - TX 1005										
Calibration Blank (P9K1506-CCB2)				Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	11.8		mg/kg wet							
>C12-C28	20.1		"							
Surrogate: 1-Chlorooctane	*96.5*		*"*	*100*		*96.5*	*70-130*			
Surrogate: o-Terphenyl	*49.5*		*"*	*50.0*		*99.0*	*70-130*			
Calibration Check (P9K1506-CCV1)				Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	525	25.0	mg/kg wet	500		105	85-115			
>C12-C28	550	25.0	"	500		110	85-115			
Surrogate: 1-Chlorooctane	*92.4*		*"*	*100*		*92.4*	*70-130*			
Surrogate: o-Terphenyl	*48.0*		*"*	*50.0*		*96.0*	*70-130*			
Calibration Check (P9K1506-CCV2)				Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	513	25.0	mg/kg wet	500		103	85-115			
>C12-C28	550	25.0	"	500		110	85-115			
Surrogate: 1-Chlorooctane	*113*		*"*	*100*		*113*	*70-130*			
Surrogate: o-Terphenyl	*47.8*		*"*	*50.0*		*95.5*	*70-130*			
Matrix Spike (P9K1506-MS1)		**Source: 9K14018-46**		Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	1000	26.6	mg/kg dry	1060	11.0	93.0	75-125			
>C12-C28	1060	26.6	"	1060	30.0	96.7	75-125			
Surrogate: 1-Chlorooctane	*120*		*"*	*106*		*112*	*70-130*			
Surrogate: o-Terphenyl	*51.8*		*"*	*53.2*		*97.3*	*70-130*			
Matrix Spike Dup (P9K1506-MSD1)		**Source: 9K14018-46**		Prepared: 11/15/19 Analyzed: 11/16/19						
C6-C12	1040	26.6	mg/kg dry	1060	11.0	96.9	75-125	4.10	20	
>C12-C28	1080	26.6	"	1060	30.0	98.5	75-125	1.78	20	
Surrogate: 1-Chlorooctane	*102*		*"*	*106*		*96.1*	*70-130*			
Surrogate: o-Terphenyl	*54.9*		*"*	*53.2*		*103*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Notes and Definitions

ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 11/19/2019

Brent Barron, Laboratory Director/Technical Director

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If you have received this material in error, please notify us immediately at 432-686-7235.

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№ 0758

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 11/13/2019 PAGE 1 OF 4

PO#: LAB WORK ORDER#: 9K14018

PROJECT LOCATION OR NAME: Select Energy - Montreal 1H

LAI PROJECT #: 19-0179-04 COLLECTOR: RN/EC

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | GASOLINE MOD 8015 ☐ TPH 1005 ☐ TPH 1006 ☐ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐ | 8330

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒	TRPH 418.1 ☐	GASOLINE MOD 8015 ☐ TPH 1005 ☐ TPH 1006 ☐	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	8330	FIELD NOTES
SP-1(0.5)	1	11/13/19	12:31	S	1				X		X		X	X	X													X			
SP-1 (1)	2		12:33																												
SP-2(0.5)	3		12:34																												
SP-2 (1')	4		12:35																												
SP-3(0.5)	5		12:37																												
SP-3 (1')	6		12:38																												
SP-4(0.5)	7		12:36																												
SP-4 (1')	8		12:37																												
SP-5(0.5)	9		12:40																												
SP-5(1)	10		12:41																												
SP-6(0.5)	11		12:39																												
SP-6(1)	12		12:40																												
SP-7(0.5)	13		12:43																												
SP-7(1)	14		12:44																												
SP-8(0.5)	15		12:42																												
TOTAL	15																														

RELINQUISHED BY:(Signature) Rachel Owen DATE/TIME 11-14-19 / 11:09 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 11.14.19 11:09 RECEIVED BY: (Signature) Kiran Clem

LABORATORY:

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒ 3day

LABORATORY USE ONLY:
RECEIVING TEMP: 5.0 THERM#:
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

Received by OCD: 4/29/2021 3:43:34 PM

Released to Imaging: 7/20/2021 2:11:28 PM

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№ 0759

CHAIN-OF-CUSTODY

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Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 11/13/19 PAGE 2 OF 9

PO#: LAB WORK ORDER#: 9K14018

PROJECT LOCATION OR NAME: Select Energy – Montreal 1H

LAI PROJECT #: 19-0179-04 COLLECTOR: RN/EC

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8002 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
SP-9(0.5)	16	11/13/19	12:45	S	1				X		X		X	X	X													X		
SP-9(1)	17		12:46																											
SP-10(0.5)	18		12:45																											
SP-10(1)	19		12:46																											
SP-11(0.5)	20		12:50																											
SP-11(1)	21		12:51																											
SP-12(0.5)	22		12:52																											
SP-12(1)	23		12:55																											
SP-13(0.5)	24		12:56																											
SP-13(1)	25		12:57																											
SP-14(0.5)	26		12:56																											
SP-14(1)	27		12:57																											
SP-15(0.5)	28		13:00																											
SP-15(1)	29		13:01																											
SP-16(0.5)	30		13:02																											
TOTAL					15																									

RELINQUISHED BY:(Signature) Rachel Owen DATE/TIME 11-14-19 11:09 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 11.14.19 11:09 RECEIVED BY: (Signature) Kim Olen

LABORATORY:

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒ 3 day

LABORATORY USE ONLY:
RECEIVING TEMP: 5.0-6.0 THERM#:
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

Received by OCD: 4/29/2021 3:43:34 PM
Released to Imaging: 7/20/2021 2:11:28 PM

Page 112 of 766

№ 0760

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 11/13/19 PAGE 3 OF 4

PO#: LAB WORK ORDER#: 9K14018

PROJECT LOCATION OR NAME: Select Energy - Montreal 19

LAI PROJECT #: 19-0179-04 COLLECTOR: RN/EC

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ | PAH 8270 ☐ | HOLDPAH ☐ | 8081 PESTICIDES ☐ | 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ | TCLP VOC ☐ | TCLP - PEST ☐ | HERB ☐ | Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ | OTHER LIST ☐ | LEAD - TOTAL ☐ | D.W. 200.8 ☐ | TCLP ☐ | RCI ☐ | TOX ☐ | FLASHPOINT ☐ | TDS ☐ | TSS ☐ | % MOISTURE ☐ | CYANIDE ☐ | pH ☐ | HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ | PECHLORATE ☐ | CHLORIDES ☒ | ANIONS ☐ | ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 NaOH	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
SP-16 (1)	31	11/13/19	13:03	S	1				X		X	
SP-17 (0.5)	32		13:05									
SP-17 (1)	33		13:07									
SP-18 (0.5)	34		13:11									
SP-18 (1)	35		13:15									
SP-19 (0.5)	36		13:20									
SP-20 (0.5)	37		13:30									
SP-21 (0.5)	38		13:35									
SP-22 (0.5)	39		13:38									
SP-22 (1)	40		13:39									
SP-23 (0.5)	41		13:41									
SP-23 (1)	42		13:43									
SP-24 (0.5)	43		13:44									
SP-24 (1)	44		13:45									
SP-25 (0.5)	45		13:50									
TOTAL			15									

RELINQUISHED BY:(Signature) Rachel Chris 11-14-19 DATE/TIME 11-09 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 11.14.19 11:09 RECEIVED BY: (Signature)

LABORATORY:

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER 3day

LABORATORY USE ONLY:
RECEIVING TEMP: 5.0-6.0 THERM#:
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

Received by OCD: 4/29/2021 3:43:34 PM
Released to Imaging: 7/20/2021 2:11:28 PM

Page 113 of 766

Nº 0575

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 11/13/2019 PAGE 4 OF 4

PO#: LAB WORK ORDER#: 9K14018

PROJECT LOCATION OR NAME: Select Energy - Montreal 1H

LAI PROJECT #: 19-0179-04 COLLECTOR: RN/EC

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☐ | DIESEL - MOD 8015 ☐ | OIL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐ | TKN

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒	MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	TKN	FIELD NOTES
SP-25 (1')	46	11/13/19	13:53	S	1				X		X		X	X	X															X				
TOTAL					1																													

RELINQUISHED BY:(Signature) Rachel Ouin DATE/TIME 11-14-19 / 11:09 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 11-14-19/11:04 RECEIVED BY: (Signature)

LABORATORY:

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒ 3day

LABORATORY USE ONLY:
RECEIVING TEMP: 5.0-6.0 THERM#:
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

Received by OCD: 4/29/2021 3:43:34 PM

Released to Imaging: 7/20/2021 2:11:28 PM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Select Energy Montreal 1H

Project Number: 19-0179-04

Location: None Given

Lab Order Number: 9K26011

NELAP/TCEQ # T104704516-17-8

Report Date: 12/06/19

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1 (5')	9K26011-01	Soil	11/21/19 11:37	11-26-2019 11:11
SP-1 (9')	9K26011-02	Soil	11/21/19 11:49	11-26-2019 11:11
SP-2 (5')	9K26011-03	Soil	11/21/19 12:26	11-26-2019 11:11
SP-2 (10')	9K26011-04	Soil	11/21/19 12:30	11-26-2019 11:11
SP-4 (5')	9K26011-05	Soil	11/21/19 13:15	11-26-2019 11:11
SP-4 (9')	9K26011-06	Soil	11/21/19 13:25	11-26-2019 11:11
SP-5 (5')	9K26011-07	Soil	11/21/19 13:52	11-26-2019 11:11
SP-5 (10')	9K26011-08	Soil	11/21/19 14:01	11-26-2019 11:11
SP-7 (5')	9K26011-09	Soil	11/21/19 14:40	11-26-2019 11:11
SP-7 (10')	9K26011-10	Soil	11/21/19 14:49	11-26-2019 11:11
SP-8 (5')	9K26011-11	Soil	11/21/19 15:34	11-26-2019 11:11
SP-8 (10')	9K26011-12	Soil	11/21/19 15:38	11-26-2019 11:11
SP-9 (5')	9K26011-13	Soil	11/21/19 15:56	11-26-2019 11:11
SP-9 (10')	9K26011-14	Soil	11/21/19 16:06	11-26-2019 11:11
SP-10 (5')	9K26011-15	Soil	11/22/19 08:47	11-26-2019 11:11
SP-10 (10')	9K26011-16	Soil	11/22/19 08:53	11-26-2019 11:11
SP-12 (5')	9K26011-17	Soil	11/22/19 09:13	11-26-2019 11:11
SP-12 (10')	9K26011-18	Soil	11/22/19 09:20	11-26-2019 11:11
SP-13 (5')	9K26011-19	Soil	11/22/19 09:40	11-26-2019 11:11
SP-13 (10')	9K26011-20	Soil	11/22/19 09:51	11-26-2019 11:11
SP-14 (5')	9K26011-21	Soil	11/22/19 10:03	11-26-2019 11:11
SP-14 (10')	9K26011-22	Soil	11/22/19 10:20	11-26-2019 11:11
SP-15 (5')	9K26011-23	Soil	11/22/19 10:40	11-26-2019 11:11
SP-15 (9')	9K26011-24	Soil	11/22/19 10:54	11-26-2019 11:11
SP-18 (5')	9K26011-25	Soil	11/22/19 11:06	11-26-2019 11:11
SP-18 (10')	9K26011-26	Soil	11/22/19 11:16	11-26-2019 11:11
SP-19 (5')	9K26011-27	Soil	11/22/19 11:29	11-26-2019 11:11
SP-19 (10')	9K26011-28	Soil	11/22/19 11:40	11-26-2019 11:11
SP-20 (5')	9K26011-29	Soil	11/25/19 11:31	11-26-2019 11:11
SP-20 (10')	9K26011-30	Soil	11/25/19 11:35	11-26-2019 11:11
SP-21 (5')	9K26011-31	Soil	11/25/19 12:14	11-26-2019 11:11
SP-21 (8')	9K26011-32	Soil	11/25/19 12:20	11-26-2019 11:11

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-1 (5')

9K26011-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**17.0**	1.22	mg/kg dry	1	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**18.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	30.5	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
>C12-C28	**54.2**	30.5	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
>C28-C35	**38.5**	30.5	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.3 %*	*70-130*		*P9L0306*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P9L0306*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**92.6**	30.5	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-1 (9')

9K26011-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**86.5**	1.15	mg/kg dry	1	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-2 (5')

9K26011-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.67**	1.19	mg/kg dry	1	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**16.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.8	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
>C12-C28	ND	29.8	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
>C28-C35	ND	29.8	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.7 %*	*70-130*		*P9L0306*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P9L0306*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.8	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-2 (10')

9K26011-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**138**	1.08	mg/kg dry	1	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-4 (5')

9K26011-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*110 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**93.0**	1.18	mg/kg dry	1	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**15.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.4	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
>C12-C28	ND	29.4	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
>C28-C35	ND	29.4	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.4 %*	*70-130*		*P9L0306*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P9L0306*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.4	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-4 (9')

9K26011-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**69.1**	1.03	mg/kg dry	1	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-5 (5')

9K26011-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**18.1**	1.19	mg/kg dry	1	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**16.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.8	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
>C12-C28	ND	29.8	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
>C28-C35	ND	29.8	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.5 %*	*70-130*		*P9L0306*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P9L0306*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.8	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-5 (10')

9K26011-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**106**	1.02	mg/kg dry	1	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-7 (5')

9K26011-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4570**	11.2	mg/kg dry	10	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P9L0306	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P9L0306*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P9L0306*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-7 (10')

9K26011-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.69**	1.06	mg/kg dry	1	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-8 (5')

9K26011-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*113 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.19**	1.19	mg/kg dry	1	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**16.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.8	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C12-C28	ND	29.8	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C28-C35	ND	29.8	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.5 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.8	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-8 (10')

9K26011-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**235**	1.15	mg/kg dry	1	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-9 (5')

9K26011-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*110 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.87**	1.06	mg/kg dry	1	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-9 (10')

9K26011-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.30**	1.16	mg/kg dry	1	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-10 (5')

9K26011-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4120**	11.4	mg/kg dry	10	P9K2712	11/27/19	11/29/19	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.2 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*119 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-10 (10')

9K26011-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**13.0**	1.14	mg/kg dry	1	P9K2712	11/27/19	11/30/19	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-12 (5')

9K26011-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/04/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*75-125*		*P9L0410*	*12/04/19*	*12/04/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**379**	1.11	mg/kg dry	1	P9K2712	11/27/19	11/30/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.1 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*117 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-12 (10')

9K26011-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**210**	1.09	mg/kg dry	1	P9K2712	11/27/19	11/30/19	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-13 (5')

9K26011-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		*P9L0410*	*12/04/19*	*12/05/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P9L0410*	*12/04/19*	*12/05/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1660**	5.56	mg/kg dry	5	P9K2712	11/27/19	11/30/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*122 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-13 (10')

9K26011-20 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**49.5**	1.11	mg/kg dry	1	P9K2712	11/27/19	11/30/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-14 (5')

9K26011-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		*P9L0410*	*12/04/19*	*12/05/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*75-125*		*P9L0410*	*12/04/19*	*12/05/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**32.8**	1.12	mg/kg dry	1	P9K2713	11/27/19	11/30/19	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-14 (10')

9K26011-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.10	mg/kg dry	1	P9K2713	11/27/19	11/30/19	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15 (5')

9K26011-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P9L0410*	*12/04/19*	*12/05/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P9L0410*	*12/04/19*	*12/05/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.60**	1.14	mg/kg dry	1	P9K2713	11/27/19	11/30/19	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C12-C28	**35.3**	28.4	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C28-C35	**37.8**	28.4	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*115 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*137 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**73.1**	28.4	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15 (9')

9K26011-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.09	mg/kg dry	1	P9K2713	11/27/19	11/30/19	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-18 (5')

9K26011-25 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*110 %*	*75-125*		*P9L0410*	*12/04/19*	*12/05/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*	*75-125*		*P9L0410*	*12/04/19*	*12/05/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.13**	1.11	mg/kg dry	1	P9K2713	11/27/19	11/30/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C12-C28	**35.9**	27.8	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C28-C35	**28.1**	27.8	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*126 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**64.0**	27.8	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-18 (10')

9K26011-26 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**44.5**	1.08	mg/kg dry	1	P9K2713	11/27/19	11/30/19	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-19 (5')

9K26011-27 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P9L0410*	*12/04/19*	*12/05/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*75-125*		*P9L0410*	*12/04/19*	*12/05/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.3**	1.12	mg/kg dry	1	P9K2713	11/27/19	11/30/19	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*127 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-19 (10')

9K26011-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**59.2**	1.10	mg/kg dry	1	P9K2713	11/27/19	11/30/19	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-20 (5')

9K26011-29 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P9L0410*	*12/04/19*	*12/05/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*75-125*		*P9L0410*	*12/04/19*	*12/05/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1140**	1.15	mg/kg dry	1	P9K2713	11/27/19	11/30/19	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*126 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

SP-20 (10')

9K26011-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**52.9**	5.56	mg/kg dry	5	P9K2713	11/27/19	11/30/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-21 (5')

9K26011-31 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9L0410	12/04/19	12/05/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P9L0410*	*12/04/19*	*12/05/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P9L0410*	*12/04/19*	*12/05/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.93**	1.14	mg/kg dry	1	P9K2713	11/27/19	11/30/19	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P9L0307	12/03/19	12/04/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.6 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*121 %*	*70-130*		*P9L0307*	*12/03/19*	*12/04/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	12/03/19	12/04/19	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-21 (8')

9K26011-32 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1.11**	1.09	mg/kg dry	1	P9K2713	11/27/19	11/30/19	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P9L0202	12/02/19	12/02/19	ASTM D2216	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9L0410 - General Preparation (GC)										
Blank (P9L0410-BLK1)				Prepared & Analyzed: 12/04/19						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00200	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.124*		"	*0.120*		*104*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			
LCS (P9L0410-BS1)				Prepared & Analyzed: 12/04/19						
Benzene	0.108	0.00100	mg/kg wet	0.100		108	80-120			
Toluene	0.120	0.00100	"	0.100		120	80-120			
Ethylbenzene	0.113	0.00200	"	0.100		113	80-120			
Xylene (p/m)	0.240	0.00100	"	0.200		120	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*100*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*75-125*			
LCS Dup (P9L0410-BSD1)				Prepared & Analyzed: 12/04/19						
Benzene	0.109	0.00100	mg/kg wet	0.100		109	80-120	0.866	20	
Toluene	0.118	0.00100	"	0.100		118	80-120	1.70	20	
Ethylbenzene	0.109	0.00200	"	0.100		109	80-120	4.00	20	
Xylene (p/m)	0.240	0.00100	"	0.200		120	80-120	0.0333	20	
Xylene (o)	0.108	0.00100	"	0.100		108	80-120	3.68	20	
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.124*		"	*0.120*		*104*	*75-125*			
Calibration Blank (P9L0410-CCB1)				Prepared & Analyzed: 12/04/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.122*		"	*0.120*		*102*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9L0410 - General Preparation (GC)										
Calibration Blank (P9L0410-CCB2)				Prepared & Analyzed: 12/04/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Calibration Blank (P9L0410-CCB3)				Prepared: 12/04/19 Analyzed: 12/05/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.4*	*75-125*			
Calibration Check (P9L0410-CCV1)				Prepared & Analyzed: 12/04/19						
Benzene	0.106	0.00100	mg/kg wet	0.100		106	80-120			
Toluene	0.120	0.00100	"	0.100		120	80-120			
Ethylbenzene	0.115	0.00200	"	0.100		115	80-120			
Xylene (p/m)	0.235	0.00100	"	0.200		118	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Calibration Check (P9L0410-CCV2)				Prepared & Analyzed: 12/04/19						
Benzene	0.0854	0.00100	mg/kg wet	0.100		85.4	80-120			
Toluene	0.0950	0.00100	"	0.100		95.0	80-120			
Ethylbenzene	0.0898	0.00200	"	0.100		89.8	80-120			
Xylene (p/m)	0.200	0.00100	"	0.200		99.9	80-120			
Xylene (o)	0.0989	0.00100	"	0.100		98.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.130*		*"*	*0.120*		*108*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*107*	*75-125*			

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9L0410 - General Preparation (GC)										
Calibration Check (P9L0410-CCV3)				Prepared: 12/04/19 Analyzed: 12/05/19						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120			
Toluene	0.118	0.00100	"	0.100		118	80-120			
Ethylbenzene	0.111	0.00200	"	0.100		111	80-120			
Xylene (p/m)	0.227	0.00100	"	0.200		114	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 4-Bromofluorobenzene	*0.129*		*"*	*0.120*		*108*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.120*		*108*	*75-125*			
Matrix Spike (P9L0410-MS1)		**Source: 9L04006-01**		Prepared: 12/04/19 Analyzed: 12/05/19						
Benzene	0.0794	0.00100	mg/kg dry	0.114	ND	69.8	80-120			QM-07
Toluene	0.0820	0.00100	"	0.114	ND	72.2	80-120			QM-07
Ethylbenzene	0.0944	0.00200	"	0.114	ND	83.0	80-120			
Xylene (p/m)	0.170	0.00100	"	0.227	ND	75.0	80-120			QM-07
Xylene (o)	0.0808	0.00100	"	0.114	ND	71.1	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.154*		*"*	*0.136*		*113*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.148*		*"*	*0.136*		*108*	*75-125*			
Matrix Spike Dup (P9L0410-MSD1)		**Source: 9L04006-01**		Prepared: 12/04/19 Analyzed: 12/05/19						
Benzene	0.0808	0.00100	mg/kg dry	0.114	ND	71.1	80-120	1.75	20	QM-07
Toluene	0.0869	0.00100	"	0.114	ND	76.4	80-120	5.75	20	QM-07
Ethylbenzene	0.0997	0.00200	"	0.114	ND	87.7	80-120	5.46	20	
Xylene (p/m)	0.180	0.00100	"	0.227	ND	79.2	80-120	5.45	20	QM-07
Xylene (o)	0.0839	0.00100	"	0.114	ND	73.8	80-120	3.72	20	QM-07
Surrogate: 4-Bromofluorobenzene	*0.150*		*"*	*0.136*		*110*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.148*		*"*	*0.136*		*108*	*75-125*			

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Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K2712 - * DEFAULT PREP *** **										
Blank (P9K2712-BLK1)				Prepared: 11/27/19 Analyzed: 11/29/19						
Chloride	ND	0.100	mg/kg wet							
LCS (P9K2712-BS1)				Prepared: 11/27/19 Analyzed: 11/29/19						
Chloride	445	1.00	mg/kg wet	400		111	80-120			
LCS Dup (P9K2712-BSD1)				Prepared: 11/27/19 Analyzed: 11/29/19						
Chloride	446	1.00	mg/kg wet	400		111	80-120	0.207	20	
Calibration Blank (P9K2712-CCB1)				Prepared: 11/27/19 Analyzed: 11/29/19						
Chloride	-0.0500		mg/kg wet							
Calibration Blank (P9K2712-CCB2)				Prepared: 11/27/19 Analyzed: 11/29/19						
Chloride	0.00		mg/kg wet							
Calibration Check (P9K2712-CCV1)				Prepared: 11/27/19 Analyzed: 11/29/19						
Chloride	23.0		mg/kg	20.0		115	0-200			
Calibration Check (P9K2712-CCV2)				Prepared: 11/27/19 Analyzed: 11/29/19						
Chloride	22.8		mg/kg	20.0		114	0-200			
Calibration Check (P9K2712-CCV3)				Prepared: 11/27/19 Analyzed: 11/30/19						
Chloride	22.0		mg/kg	20.0		110	0-200			
Matrix Spike (P9K2712-MS1)		**Source: 9K26011-09**		Prepared: 11/27/19 Analyzed: 11/29/19						
Chloride	5740	11.2	mg/kg dry	1120	4570	104	80-120			
Matrix Spike (P9K2712-MS2)		**Source: 9K26011-15**		Prepared: 11/27/19 Analyzed: 11/29/19						
Chloride	5260	11.4	mg/kg dry	1140	4120	99.7	80-120			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K2712 - * DEFAULT PREP *** **										
Matrix Spike Dup (P9K2712-MSD1)		**Source: 9K26011-09**		Prepared: 11/27/19 Analyzed: 11/29/19						
Chloride	5950	11.2	mg/kg dry	1120	4570	123	80-120	3.53	20	
Matrix Spike Dup (P9K2712-MSD2)		**Source: 9K26011-15**		Prepared: 11/27/19 Analyzed: 11/30/19						
Chloride	5420	11.4	mg/kg dry	1140	4120	114	80-120	3.08	20	
Batch P9K2713 - * DEFAULT PREP *** **										
Blank (P9K2713-BLK1)				Prepared: 11/27/19 Analyzed: 11/30/19						
Chloride	ND	0.100	mg/kg wet							
LCS (P9K2713-BS1)				Prepared: 11/27/19 Analyzed: 11/30/19						
Chloride	447	1.00	mg/kg wet	400		112	80-120			
LCS Dup (P9K2713-BSD1)				Prepared: 11/27/19 Analyzed: 11/30/19						
Chloride	442	1.00	mg/kg wet	400		110	80-120	1.22	20	
Calibration Blank (P9K2713-CCB1)				Prepared: 11/27/19 Analyzed: 11/30/19						
Chloride	0.00		mg/kg wet							
Calibration Blank (P9K2713-CCB2)				Prepared: 11/27/19 Analyzed: 11/30/19						
Chloride	-0.0520		mg/kg wet							
Calibration Check (P9K2713-CCV1)				Prepared: 11/27/19 Analyzed: 11/30/19						
Chloride	22.0		mg/kg	20.0		110	0-200			
Calibration Check (P9K2713-CCV2)				Prepared: 11/27/19 Analyzed: 11/30/19						
Chloride	22.1		mg/kg	20.0		110	0-200			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9K2713 - * DEFAULT PREP *** **										
Calibration Check (P9K2713-CCV3)				Prepared: 11/27/19 Analyzed: 11/30/19						
Chloride	22.4		mg/kg	20.0		112	0-200			
Matrix Spike (P9K2713-MS1)		Source: 9K26011-30		Prepared: 11/27/19 Analyzed: 11/30/19						
Chloride	641	5.56	mg/kg dry	556	52.9	106	80-120			
Matrix Spike (P9K2713-MS2)		Source: 9K26020-05		Prepared: 11/27/19 Analyzed: 11/30/19						
Chloride	1740	5.26	mg/kg dry	526	1200	102	80-120			
Matrix Spike Dup (P9K2713-MSD1)		Source: 9K26011-30		Prepared: 11/27/19 Analyzed: 11/30/19						
Chloride	672	5.56	mg/kg dry	556	52.9	111	80-120	4.80	20	
Matrix Spike Dup (P9K2713-MSD2)		Source: 9K26020-05		Prepared: 11/27/19 Analyzed: 11/30/19						
Chloride	1790	5.26	mg/kg dry	526	1200	112	80-120	2.91	20	
Batch P9L0202 - * DEFAULT PREP *** **										
Blank (P9L0202-BLK1)				Prepared & Analyzed: 12/02/19						
% Moisture	ND	0.1	%							
Duplicate (P9L0202-DUP1)		Source: 9K26002-01		Prepared & Analyzed: 12/02/19						
% Moisture	20.0	0.1	%		12.0			50.0	20	R3
Duplicate (P9L0202-DUP2)		Source: 9K25009-26		Prepared & Analyzed: 12/02/19						
% Moisture	12.0	0.1	%		19.0			45.2	20	R3
Duplicate (P9L0202-DUP3)		Source: 9K26005-01		Prepared & Analyzed: 12/02/19						
% Moisture	13.0	0.1	%		9.0			36.4	20	R3

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9L0202 - * DEFAULT PREP *** **										
Duplicate (P9L0202-DUP4)		**Source: 9K26011-11**		Prepared & Analyzed: 12/02/19						
% Moisture	16.0	0.1	%		16.0			0.00	20	
Duplicate (P9L0202-DUP5)		**Source: 9K25009-53**		Prepared & Analyzed: 12/02/19						
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P9L0202-DUP6)		**Source: 9K26015-01**		Prepared & Analyzed: 12/02/19						
% Moisture	5.0	0.1	%		6.0			18.2	20	
Duplicate (P9L0202-DUP7)		**Source: 9K26019-03**		Prepared & Analyzed: 12/02/19						
% Moisture	4.0	0.1	%		5.0			22.2	20	R3

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Project Number: 19-0179-04
Project Manager: Mark Larson

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9L0306 - TX 1005										
Blank (P9L0306-BLK1)				Prepared & Analyzed: 12/03/19						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*97.5*		*"*	*100*		*97.5*	*70-130*			
Surrogate: o-Terphenyl	*54.7*		*"*	*50.0*		*109*	*70-130*			
LCS (P9L0306-BS1)				Prepared & Analyzed: 12/03/19						
C6-C12	836	25.0	mg/kg wet	1000		83.6	75-125			
>C12-C28	983	25.0	"	1000		98.3	75-125			
Surrogate: 1-Chlorooctane	*95.1*		*"*	*100*		*95.1*	*70-130*			
Surrogate: o-Terphenyl	*45.7*		*"*	*50.0*		*91.4*	*70-130*			
LCS Dup (P9L0306-BSD1)				Prepared & Analyzed: 12/03/19						
C6-C12	909	25.0	mg/kg wet	1000		90.9	75-125	8.37	20	
>C12-C28	1050	25.0	"	1000		105	75-125	6.70	20	
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*51.1*		*"*	*50.0*		*102*	*70-130*			
Calibration Blank (P9L0306-CCB1)				Prepared & Analyzed: 12/03/19						
C6-C12	17.9		mg/kg wet							
>C12-C28	14.3		"							
Surrogate: 1-Chlorooctane	*91.0*		*"*	*100*		*91.0*	*70-130*			
Surrogate: o-Terphenyl	*52.0*		*"*	*50.0*		*104*	*70-130*			
Calibration Blank (P9L0306-CCB2)				Prepared & Analyzed: 12/03/19						
C6-C12	18.9		mg/kg wet							
>C12-C28	14.8		"							
Surrogate: 1-Chlorooctane	*97.3*		*"*	*100*		*97.3*	*70-130*			
Surrogate: o-Terphenyl	*55.5*		*"*	*50.0*		*111*	*70-130*			

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Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9L0306 - TX 1005										
Calibration Check (P9L0306-CCV1)				Prepared & Analyzed: 12/03/19						
C6-C12	438	25.0	mg/kg wet	500		87.5	85-115			
>C12-C28	462	25.0	"	500		92.5	85-115			
Surrogate: 1-Chlorooctane	*92.0*		*"*	*100*		*92.0*	*70-130*			
Surrogate: o-Terphenyl	*47.0*		*"*	*50.0*		*94.0*	*70-130*			
Calibration Check (P9L0306-CCV2)				Prepared & Analyzed: 12/03/19						
C6-C12	444	25.0	mg/kg wet	500		88.8	85-115			
>C12-C28	514	25.0	"	500		103	85-115			
Surrogate: 1-Chlorooctane	*97.3*		*"*	*100*		*97.3*	*70-130*			
Surrogate: o-Terphenyl	*48.8*		*"*	*50.0*		*97.5*	*70-130*			
Matrix Spike (P9L0306-MS1)	**Source: 9K26011-01**			Prepared: 12/03/19 Analyzed: 12/04/19						
C6-C12	1120	30.5	mg/kg dry	1220	18.7	90.7	75-125			
>C12-C28	1280	30.5	"	1220	54.2	101	75-125			
Surrogate: 1-Chlorooctane	*132*		*"*	*122*		*108*	*70-130*			
Surrogate: o-Terphenyl	*62.4*		*"*	*61.0*		*102*	*70-130*			
Matrix Spike Dup (P9L0306-MSD1)	**Source: 9K26011-01**			Prepared: 12/03/19 Analyzed: 12/04/19						
C6-C12	1130	30.5	mg/kg dry	1220	18.7	91.2	75-125	0.567	20	
>C12-C28	1300	30.5	"	1220	54.2	102	75-125	0.946	20	
Surrogate: 1-Chlorooctane	*133*		*"*	*122*		*109*	*70-130*			
Surrogate: o-Terphenyl	*62.7*		*"*	*61.0*		*103*	*70-130*			
Batch P9L0307 - TX 1005										
Blank (P9L0307-BLK1)				Prepared: 12/03/19 Analyzed: 12/04/19						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*102*		*"*	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*57.5*		*"*	*50.0*		*115*	*70-130*			

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Midland TX, 79710

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Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9L0307 - TX 1005										
LCS (P9L0307-BS1)				Prepared: 12/03/19 Analyzed: 12/04/19						
C6-C12	941	25.0	mg/kg wet	1000		94.1	75-125			
>C12-C28	1080	25.0	"	1000		108	75-125			
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*50.0*		*"*	*50.0*		*100*	*70-130*			
LCS Dup (P9L0307-BSD1)				Prepared: 12/03/19 Analyzed: 12/04/19						
C6-C12	949	25.0	mg/kg wet	1000		94.9	75-125	0.875	20	
>C12-C28	1100	25.0	"	1000		110	75-125	2.33	20	
Surrogate: 1-Chlorooctane	*105*		*"*	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*50.6*		*"*	*50.0*		*101*	*70-130*			
Calibration Blank (P9L0307-CCB1)				Prepared: 12/03/19 Analyzed: 12/04/19						
C6-C12	17.7		mg/kg wet							
>C12-C28	3.16		"							
Surrogate: 1-Chlorooctane	*97.8*		*"*	*100*		*97.8*	*70-130*			
Surrogate: o-Terphenyl	*55.4*		*"*	*50.0*		*111*	*70-130*			
Calibration Blank (P9L0307-CCB2)				Prepared: 12/03/19 Analyzed: 12/04/19						
C6-C12	18.7		mg/kg wet							
>C12-C28	3.87		"							
Surrogate: 1-Chlorooctane	*97.9*		*"*	*100*		*97.9*	*70-130*			
Surrogate: o-Terphenyl	*55.9*		*"*	*50.0*		*112*	*70-130*			
Calibration Check (P9L0307-CCV1)				Prepared: 12/03/19 Analyzed: 12/04/19						
C6-C12	460	25.0	mg/kg wet	500		92.0	85-115			
>C12-C28	537	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	*97.8*		*"*	*100*		*97.8*	*70-130*			
Surrogate: o-Terphenyl	*49.0*		*"*	*50.0*		*97.9*	*70-130*			

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9L0307 - TX 1005										
Calibration Check (P9L0307-CCV2)				Prepared: 12/03/19 Analyzed: 12/04/19						
C6-C12	467	25.0	mg/kg wet	500		93.4	85-115			
>C12-C28	552	25.0	"	500		110	85-115			
Surrogate: 1-Chlorooctane	*98.4*		*"*	*100*		*98.4*	*70-130*			
Surrogate: o-Terphenyl	*50.2*		*"*	*50.0*		*100*	*70-130*			
Matrix Spike (P9L0307-MS1)		**Source: 9L03001-09**		Prepared: 12/03/19 Analyzed: 12/04/19						
C6-C12	565	28.1	mg/kg dry	562	20.4	96.9	75-125			
>C12-C28	470	28.1	"	562	33.9	77.6	75-125			
Surrogate: 1-Chlorooctane	*99.3*		*"*	*112*		*88.4*	*70-130*			
Surrogate: o-Terphenyl	*49.5*		*"*	*56.2*		*88.1*	*70-130*			
Matrix Spike Dup (P9L0307-MSD1)		**Source: 9L03001-09**		Prepared: 12/03/19 Analyzed: 12/04/19						
C6-C12	588	28.1	mg/kg dry	562	20.4	101	75-125	4.15	20	
>C12-C28	629	28.1	"	562	33.9	106	75-125	30.8	20	
Surrogate: 1-Chlorooctane	*107*		*"*	*112*		*95.6*	*70-130*			
Surrogate: o-Terphenyl	*55.2*		*"*	*56.2*		*98.2*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 12/6/2019

Brent Barron, Laboratory Director/Technical Director

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If you have received this material in error, please notify us immediately at 432-686-7235.

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№ 0580

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 11/26/2019 PAGE 1 OF 2

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: Montreal 1H - Select Energy

LAI PROJECT #: 19-0179-04 COLLECTOR: RO/EC

Data Reported to: 9K26011

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
SP-1 (5')	1	11/21/19	11:37	S	1				X			
SP-1 (9')	2		11:49									X
SP-2 (5')	3		12:26									
SP-2 (10')	4		12:30									
SP-4 (5')	5		13:15									
SP-4 (9')	6		13:25									
SP-5 (5')	7		13:52									
SP-5 (10')	8		14:01									
SP-7 (5')	9		14:40									
SP-7 (10')	10		14:49									
SP-8 (5')	11		15:34									
SP-8 (10')	12		15:38									
SP-9 (5')	13		15:56									
SP-9 (10')	14		16:06									
SP-10 (5')	15	11/22/19	8:47									
TOTAL		15										

ANALYSES: BTEX ☐ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☐ | DIESEL - MOD 8015 ☐ | OIL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☐ ANIONS ☐ ALKALINITY ☐

RELINQUISHED BY:(Signature) Rachel Owen DATE/TIME 11.26.19 / 11:11 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 11/26/19 11:11 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒ 3day RUSH

LABORATORY USE ONLY:
RECEIVING TEMP: 20.0 THERM#: _____
CUSTODY SEALS - ☐ BROKEN ☑ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☑ HAND DELIVERED CH1 - LZ

Received by OCD: 4/29/2021 3:43:34 PM

Released to Imaging: 7/20/2021 2:11:28 PM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Select Energy Montreal 1H

Project Number: 19-0179-04

Location: NM

Lab Order Number: 0A06014

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-17-8

Report Date: 01/13/20

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-13.1	0A06014-01	Soil	01/03/20 10:57	01-06-2020 09:41
SP-13.2	0A06014-02	Soil	01/03/20 10:57	01-06-2020 09:41
SP-13.3	0A06014-03	Soil	01/03/20 10:59	01-06-2020 09:41
SP-13.4	0A06014-04	Soil	01/03/20 11:02	01-06-2020 09:41
SP-13.5	0A06014-05	Soil	01/03/20 11:03	01-06-2020 09:41
SP-13.6	0A06014-06	Soil	01/03/20 11:06	01-06-2020 09:41
SP-13.7	0A06014-07	Soil	01/03/20 11:07	01-06-2020 09:41
SP-15.1	0A06014-08	Soil	01/03/20 10:35	01-06-2020 09:41
SP-15.2	0A06014-09	Soil	01/03/20 10:36	01-06-2020 09:41
SP-15.3	0A06014-10	Soil	01/03/20 10:38	01-06-2020 09:41
SP-15.4	0A06014-11	Soil	01/03/20 10:40	01-06-2020 09:41
SP-15.5	0A06014-12	Soil	01/03/20 10:42	01-06-2020 09:41
SP-15.6	0A06014-13	Soil	01/03/20 10:44	01-06-2020 09:41
SP-15.7	0A06014-14	Soil	01/03/20 10:45	01-06-2020 09:41
SP-15.8	0A06014-15	Soil	01/03/20 10:47	01-06-2020 09:41
SP-15.9	0A06014-16	Soil	01/03/20 10:49	01-06-2020 09:41
SP-15.10	0A06014-17	Soil	01/03/20 10:51	01-06-2020 09:41
SP-15.11	0A06014-18	Soil	01/03/20 10:52	01-06-2020 09:41
SP-15.12	0A06014-19	Soil	01/03/20 10:54	01-06-2020 09:41
SP-15.13	0A06014-20	Soil	01/03/20 10:55	01-06-2020 09:41
SP-10.1	0A06014-21	Soil	01/03/20 11:10	01-06-2020 09:41
SP-10.2	0A06014-22	Soil	01/03/20 11:11	01-06-2020 09:41
SP-10.3	0A06014-23	Soil	01/03/20 11:12	01-06-2020 09:41
SP-10.4	0A06014-24	Soil	01/03/20 11:15	01-06-2020 09:41
SP-10.5	0A06014-25	Soil	01/03/20 11:17	01-06-2020 09:41
SP-10.6	0A06014-26	Soil	01/03/20 11:18	01-06-2020 09:41
SP-10.7	0A06014-27	Soil	01/03/20 11:20	01-06-2020 09:41
SP-10.8	0A06014-28	Soil	01/03/20 11:19	01-06-2020 09:41
SP-10.9	0A06014-29	Soil	01/03/20 11:21	01-06-2020 09:41
SP-9.1	0A06014-30	Soil	01/03/20 11:23	01-06-2020 09:41
SP-9.2	0A06014-31	Soil	01/03/20 11:24	01-06-2020 09:41
SP-9.3	0A06014-32	Soil	01/03/20 11:24	01-06-2020 09:41
SP-9.4	0A06014-33	Soil	01/03/20 11:27	01-06-2020 09:41
SP-9.5	0A06014-34	Soil	01/03/20 11:28	01-06-2020 09:41

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-9.6	0A06014-35	Soil	01/03/20 11:30	01-06-2020 09:41
SP-7.1	0A06014-36	Soil	01/03/20 11:30	01-06-2020 09:41
SP-7.2	0A06014-37	Soil	01/03/20 11:32	01-06-2020 09:41
SP-7.3	0A06014-38	Soil	01/03/20 11:33	01-06-2020 09:41
SP-7.4	0A06014-39	Soil	01/03/20 11:34	01-06-2020 09:41
SP-6.1	0A06014-40	Soil	01/03/20 11:35	01-06-2020 09:41
SP-6.2	0A06014-41	Soil	01/03/20 11:37	01-06-2020 09:41
SP-11.1	0A06014-42	Soil	01/03/20 11:38	01-06-2020 09:41
SP-11.2	0A06014-43	Soil	01/03/20 11:39	01-06-2020 09:41
SP-11.3	0A06014-44	Soil	01/03/20 11:40	01-06-2020 09:41
SP-11.4	0A06014-45	Soil	01/03/20 11:40	01-06-2020 09:41
SP-11.5	0A06014-46	Soil	01/03/20 11:41	01-06-2020 09:41
SP-11.6	0A06014-47	Soil	01/03/20 11:43	01-06-2020 09:41
SP-11.7	0A06014-48	Soil	01/03/20 11:42	01-06-2020 09:41
SP-11.8	0A06014-49	Soil	01/03/20 11:43	01-06-2020 09:41
SP-11.9	0A06014-50	Soil	01/03/20 11:44	01-06-2020 09:41
SP-11.10	0A06014-51	Soil	01/03/20 11:45	01-06-2020 09:41
SP-11.11	0A06014-52	Soil	01/03/20 11:45	01-06-2020 09:41
SP-11.12	0A06014-53	Soil	01/03/20 11:46	01-06-2020 09:41

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-13.1

0A06014-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*112 %*	*75-125*		*P0A0611*	*01/06/20*	*01/06/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.2 %*	*75-125*		*P0A0611*	*01/06/20*	*01/06/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1560**	5.05	mg/kg dry	5	P0A0907	01/09/20	01/10/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	**41.0**	25.3	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.1 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**41.0**	25.3	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-13.2

0A06014-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*94.4 %*	*75-125*		*P0A0611*	*01/06/20*	*01/06/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P0A0611*	*01/06/20*	*01/06/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**14.8**	1.11	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.9 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-13.3

0A06014-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*114 %*	*75-125*		*P0A0611*	*01/06/20*	*01/06/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.3 %*	*75-125*		*P0A0611*	*01/06/20*	*01/06/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**295**	1.11	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.6 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-13.4

0A06014-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A0611	01/06/20	01/06/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.4 %*	*75-125*		*P0A0611*	*01/06/20*	*01/06/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		*P0A0611*	*01/06/20*	*01/06/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**431**	1.12	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.0 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*100 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-13.5

0A06014-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*116 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**247**	1.11	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.3 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-13.6

0A06014-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**592**	1.10	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.4 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-13.7

0A06014-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*115 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**18.5**	1.01	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.4 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.6 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15.1

0A06014-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*115 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4060**	5.62	mg/kg dry	5	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.5 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15.2

0A06014-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.2 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1010**	1.10	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.0 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15.3

0A06014-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*103 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*117 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**250**	1.09	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	**28.6**	27.2	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.5 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**28.6**	27.2	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15.4

0A06014-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**41.8**	1.08	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15.5

0A06014-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*103 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*121 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1930**	5.49	mg/kg dry	5	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.6 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15.6

0A06014-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.1 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*110 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**93.2**	1.10	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.5 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15.7

0A06014-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.6 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**251**	1.14	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.4 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15.8

0A06014-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A0611	01/06/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*94.6 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A0611*	*01/06/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**261**	1.12	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.2 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15.9

0A06014-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*92.7 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.3 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**32.5**	1.11	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.0 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15.10

0A06014-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.9 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*85.5 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**370**	1.12	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.0 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15.11

0A06014-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.4 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**153**	1.08	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0A0608	01/06/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.2 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0A0608*	*01/06/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	01/06/20	01/07/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-15.12

0A06014-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*84.3 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**438**	1.10	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-15.13

0A06014-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.5 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**19.3**	1.02	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-10.1

0A06014-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*86.5 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.4**	1.01	mg/kg dry	1	P0A0908	01/09/20	01/10/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.3 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.3 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-10.2

0A06014-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*93.8 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2050**	5.68	mg/kg dry	5	P0A0909	01/09/20	01/10/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	**34.3**	28.4	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**34.3**	28.4	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-10.3

0A06014-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00115	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Toluene	ND	0.00115	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*91.0 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1510**	5.75	mg/kg dry	5	P0A0909	01/09/20	01/10/20	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-10.4

0A06014-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.0 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**287**	1.08	mg/kg dry	1	P0A0909	01/09/20	01/10/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-10.5

0A06014-25 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00115	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Toluene	ND	0.00115	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.1 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**865**	1.15	mg/kg dry	1	P0A0909	01/09/20	01/10/20	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-10.6

0A06014-26 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00120	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Toluene	ND	0.00120	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00120	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00241	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00120	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.4 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**315**	1.20	mg/kg dry	1	P0A0909	01/09/20	01/10/20	EPA 300.0	
% Moisture	**17.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	30.1	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	30.1	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	30.1	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	30.1	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-10.7

0A06014-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.5 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*83.7 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1250**	5.56	mg/kg dry	5	P0A0909	01/09/20	01/10/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*114 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*117 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-10.8

0A06014-28 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00105	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0A0701	01/07/20	01/07/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*88.3 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P0A0701*	*01/07/20*	*01/07/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1050**	1.05	mg/kg dry	1	P0A0909	01/09/20	01/10/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-10.9

0A06014-29 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*92.9 %*	*75-125*		*P0A0701*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A0701*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**34.2**	1.01	mg/kg dry	1	P0A0909	01/09/20	01/10/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.8 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.1 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-9.1

0A06014-30 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*88.1 %*	*75-125*		*P0A0701*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0A0701*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**144**	1.02	mg/kg dry	1	P0A0909	01/09/20	01/10/20	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.2 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-9.2

0A06014-31 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00105	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*86.8 %*	*75-125*		*P0A0701*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.3 %*	*75-125*		*P0A0701*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**140**	1.05	mg/kg dry	1	P0A0909	01/09/20	01/10/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-9.3

0A06014-32 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*93.8 %*	*75-125*		*P0A0701*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		*P0A0701*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**833**	1.10	mg/kg dry	1	P0A0909	01/09/20	01/10/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	**84.3**	27.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	**82.9**	27.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**167**	27.5	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-9.4

0A06014-33 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*89.1 %*	*75-125*		*P0A0701*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A0701*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**599**	1.10	mg/kg dry	1	P0A0909	01/09/20	01/10/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-9.5

0A06014-34 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0A0701*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*87.7 %*	*75-125*		*P0A0701*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**30.6**	1.14	mg/kg dry	1	P0A0909	01/09/20	01/11/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-9.6

0A06014-35 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A0701	01/07/20	01/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.1 %*	*75-125*		*P0A0701*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*83.4 %*	*75-125*		*P0A0701*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**18.6**	1.11	mg/kg dry	1	P0A0909	01/09/20	01/11/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-7.1

0A06014-36 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*92.4 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.9 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**15.1**	1.12	mg/kg dry	1	P0A0909	01/09/20	01/11/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-7.2

0A06014-37 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00119	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00119	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00119	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00238	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00119	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*90.8 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**455**	1.19	mg/kg dry	1	P0A0909	01/09/20	01/11/20	EPA 300.0	
% Moisture	**16.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.8	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	29.8	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	29.8	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.4 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.8	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-7.3

0A06014-38 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00106	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*91.5 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**786**	1.06	mg/kg dry	1	P0A0909	01/09/20	01/11/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0A0704	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.0 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P0A0704*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-7.4

0A06014-39 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00106	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*93.2 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.59**	1.06	mg/kg dry	1	P0A0909	01/09/20	01/11/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/07/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-6.1

0A06014-40 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*91.5 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.4**	1.02	mg/kg dry	1	P0A0909	01/09/20	01/11/20	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*80.2 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*79.2 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/07/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-6.2

0A06014-41 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.3 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.0 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**13.9**	1.09	mg/kg dry	1	P0A0909	01/09/20	01/11/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.9 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*91.9 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/07/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-11.1

0A06014-42 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*90.1 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**110**	1.10	mg/kg dry	1	P0A1010	01/10/20	01/11/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.3 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.7 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/07/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-11.2

0A06014-43 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.4 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*85.0 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**26.0**	1.11	mg/kg dry	1	P0A1010	01/10/20	01/11/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*79.6 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*79.7 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/07/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-11.3

0A06014-44 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.9 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.97**	1.10	mg/kg dry	1	P0A1010	01/10/20	01/11/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/07/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-11.4

0A06014-45 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*86.9 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.49**	1.08	mg/kg dry	1	P0A1010	01/10/20	01/11/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*72.2 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*75.5 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	01/07/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-11.5

0A06014-46 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*83.7 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*93.6 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.24**	1.10	mg/kg dry	1	P0A1010	01/10/20	01/11/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/07/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-11.6

0A06014-47 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*85.7 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**24.3**	1.09	mg/kg dry	1	P0A1010	01/10/20	01/11/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A0705	01/07/20	01/08/20	TPH 8015M	
>C12-C28	**27.7**	27.2	mg/kg dry	1	P0A0705	01/07/20	01/08/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A0705	01/07/20	01/08/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*70.2 %*	*70-130*		*P0A0705*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*75.2 %*	*70-130*		*P0A0705*	*01/07/20*	*01/08/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**27.7**	27.2	mg/kg dry	1	[CALC]	01/07/20	01/08/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-11.7

0A06014-48 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*110 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.3 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**163**	1.10	mg/kg dry	1	P0A1010	01/10/20	01/11/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/07/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-11.8

0A06014-49 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00152	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00152	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00152	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00303	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00152	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*110 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.2 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2830**	7.58	mg/kg dry	5	P0A1010	01/10/20	01/11/20	EPA 300.0	
% Moisture	**34.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	37.9	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C12-C28	ND	37.9	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C28-C35	ND	37.9	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	37.9	mg/kg dry	1	[CALC]	01/07/20	01/07/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-11.9

0A06014-50 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*89.1 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2420**	5.62	mg/kg dry	5	P0A1010	01/10/20	01/12/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/07/20	01/07/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-11.10

0A06014-51 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*90.5 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1090**	1.11	mg/kg dry	1	P0A1010	01/10/20	01/11/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*77.9 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*78.5 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/07/20	01/07/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-11.11

0A06014-52 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*94.6 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*112 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**49.9**	1.12	mg/kg dry	1	P0A1010	01/10/20	01/11/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.1 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.4 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/07/20	01/07/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-11.12

0A06014-53 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A0702	01/07/20	01/08/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.3 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*86.5 %*	*75-125*		*P0A0702*	*01/07/20*	*01/08/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**574**	1.10	mg/kg dry	1	P0A1011	01/10/20	01/12/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A0706	01/07/20	01/07/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A0705	01/07/20	01/07/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.2 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.8 %*	*70-130*		*P0A0705*	*01/07/20*	*01/07/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/07/20	01/07/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0611 - General Preparation (GC)										
Blank (P0A0611-BLK1)				Prepared & Analyzed: 01/06/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.1*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.130*		*"*	*0.120*		*109*	*75-125*			
LCS (P0A0611-BS1)				Prepared & Analyzed: 01/06/20						
Benzene	0.0916	0.00100	mg/kg wet	0.100		91.6	70-130			
Toluene	0.111	0.00100	"	0.100		111	70-130			
Ethylbenzene	0.118	0.00100	"	0.100		118	70-130			
Xylene (p/m)	0.229	0.00200	"	0.200		115	70-130			
Xylene (o)	0.107	0.00100	"	0.100		107	70-130			
Surrogate: 4-Bromofluorobenzene	*0.110*		*"*	*0.120*		*91.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.107*		*"*	*0.120*		*89.4*	*75-125*			
LCS Dup (P0A0611-BSD1)				Prepared & Analyzed: 01/06/20						
Benzene	0.100	0.00100	mg/kg wet	0.100		100	70-130	9.18	20	
Toluene	0.115	0.00100	"	0.100		115	70-130	3.03	20	
Ethylbenzene	0.115	0.00100	"	0.100		115	70-130	2.65	20	
Xylene (p/m)	0.236	0.00200	"	0.200		118	70-130	2.68	20	
Xylene (o)	0.104	0.00100	"	0.100		104	70-130	3.02	20	
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.1*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.8*	*75-125*			
Calibration Blank (P0A0611-CCB1)				Prepared & Analyzed: 01/06/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			

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P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0611 - General Preparation (GC)										
Calibration Blank (P0A0611-CCB2)				Prepared: 01/06/20 Analyzed: 01/07/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.132*		*"*	*0.120*		*110*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.8*	*75-125*			
Calibration Check (P0A0611-CCV1)				Prepared & Analyzed: 01/06/20						
Benzene	0.103	0.00100	mg/kg wet	0.100		103	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.229	0.00200	"	0.200		115	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*99.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Calibration Check (P0A0611-CCV2)				Prepared: 01/06/20 Analyzed: 01/07/20						
Benzene	0.0977	0.00100	mg/kg wet	0.100		97.7	80-120			
Toluene	0.115	0.00100	"	0.100		115	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		116	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*89.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.7*	*75-125*			
Calibration Check (P0A0611-CCV3)				Prepared: 01/06/20 Analyzed: 01/07/20						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		115	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*97.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0611 - General Preparation (GC)										
Matrix Spike (P0A0611-MS1)	**Source: 0A06014-15**			Prepared: 01/06/20 Analyzed: 01/07/20						
Benzene	0.0974	0.00112	mg/kg dry	0.112	ND	86.7	80-120			
Toluene	0.108	0.00112	"	0.112	ND	96.3	80-120			
Ethylbenzene	0.114	0.00112	"	0.112	ND	101	80-120			
Xylene (p/m)	0.199	0.00225	"	0.225	ND	88.6	80-120			
Xylene (o)	0.0870	0.00112	"	0.112	ND	77.4	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	*0.148*		*"*	*0.135*		*110*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.152*		*"*	*0.135*		*113*	*75-125*			
Matrix Spike Dup (P0A0611-MSD1)	**Source: 0A06014-15**			Prepared: 01/06/20 Analyzed: 01/07/20						
Benzene	0.0992	0.00112	mg/kg dry	0.112	ND	88.3	80-120	1.81	20	
Toluene	0.114	0.00112	"	0.112	ND	102	80-120	5.37	20	
Ethylbenzene	0.128	0.00112	"	0.112	ND	114	80-120	12.0	20	
Xylene (p/m)	0.226	0.00225	"	0.225	ND	101	80-120	12.6	20	
Xylene (o)	0.101	0.00112	"	0.112	ND	89.9	80-120	14.9	20	
Surrogate: 1,4-Difluorobenzene	*0.154*		*"*	*0.135*		*115*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.162*		*"*	*0.135*		*120*	*75-125*			
Batch P0A0701 - General Preparation (GC)										
Blank (P0A0701-BLK1)				Prepared & Analyzed: 01/07/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.105*		*"*	*0.120*		*87.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.7*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
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Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0701 - General Preparation (GC)										
LCS (P0A0701-BS1)				Prepared & Analyzed: 01/07/20						
Benzene	0.108	0.00100	mg/kg wet	0.100		108	70-130			
Toluene	0.106	0.00100	"	0.100		106	70-130			
Ethylbenzene	0.118	0.00100	"	0.100		118	70-130			
Xylene (p/m)	0.234	0.00200	"	0.200		117	70-130			
Xylene (o)	0.114	0.00100	"	0.100		114	70-130			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			
LCS Dup (P0A0701-BSD1)				Prepared & Analyzed: 01/07/20						
Benzene	0.114	0.00100	mg/kg wet	0.100		114	70-130	5.68	20	
Toluene	0.107	0.00100	"	0.100		107	70-130	1.23	20	
Ethylbenzene	0.119	0.00100	"	0.100		119	70-130	0.186	20	
Xylene (p/m)	0.237	0.00200	"	0.200		119	70-130	1.35	20	
Xylene (o)	0.118	0.00100	"	0.100		118	70-130	3.85	20	
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*105*	*75-125*			
Calibration Blank (P0A0701-CCB1)				Prepared & Analyzed: 01/07/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.5*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.105*		*"*	*0.120*		*87.3*	*75-125*			
Calibration Blank (P0A0701-CCB2)				Prepared & Analyzed: 01/07/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.105*		*"*	*0.120*		*87.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			

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Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0701 - General Preparation (GC)										
Calibration Blank (P0A0701-CCB3)				Prepared: 01/07/20 Analyzed: 01/08/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.102*		*"*	*0.120*		*84.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*96.5*	*75-125*			
Calibration Check (P0A0701-CCV1)				Prepared & Analyzed: 01/07/20						
Benzene	0.0997	0.00100	mg/kg wet	0.100		99.7	80-120			
Toluene	0.0943	0.00100	"	0.100		94.3	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Calibration Check (P0A0701-CCV2)				Prepared & Analyzed: 01/07/20						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.0928	0.00100	"	0.100		92.8	80-120			
Ethylbenzene	0.0952	0.00100	"	0.100		95.2	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.6	80-120			
Xylene (o)	0.0906	0.00100	"	0.100		90.6	80-120			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*99.7*	*75-125*			
Calibration Check (P0A0701-CCV3)				Prepared: 01/07/20 Analyzed: 01/08/20						
Benzene	0.105	0.00100	mg/kg wet	0.100		105	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	*0.135*		*"*	*0.120*		*112*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.120*		*105*	*75-125*			

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0701 - General Preparation (GC)										
Matrix Spike (P0A0701-MS1)	**Source: 0A06014-35**			Prepared: 01/07/20 Analyzed: 01/08/20						
Benzene	0.0816	0.00111	mg/kg dry	0.111	ND	73.5	80-120			QM-07
Toluene	0.0776	0.00111	"	0.111	ND	69.8	80-120			QM-07
Ethylbenzene	0.0970	0.00111	"	0.111	ND	87.3	80-120			
Xylene (p/m)	0.161	0.00222	"	0.222	ND	72.5	80-120			QM-07
Xylene (o)	0.0752	0.00111	"	0.111	ND	67.6	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	*0.137*		*"*	*0.133*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.141*		*"*	*0.133*		*106*	*75-125*			
Matrix Spike Dup (P0A0701-MSD1)	**Source: 0A06014-35**			Prepared: 01/07/20 Analyzed: 01/08/20						
Benzene	0.0810	0.00111	mg/kg dry	0.111	ND	72.9	80-120	0.806	20	QM-07
Toluene	0.0768	0.00111	"	0.111	ND	69.1	80-120	1.01	20	QM-07
Ethylbenzene	0.0952	0.00111	"	0.111	ND	85.7	80-120	1.87	20	
Xylene (p/m)	0.154	0.00222	"	0.222	ND	69.3	80-120	4.57	20	QM-07
Xylene (o)	0.0710	0.00111	"	0.111	ND	63.9	80-120	5.70	20	QM-07
Surrogate: 1,4-Difluorobenzene	*0.139*		*"*	*0.133*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.139*		*"*	*0.133*		*104*	*75-125*			
Batch P0A0702 - General Preparation (GC)										
Blank (P0A0702-BLK1)				Prepared: 01/07/20 Analyzed: 01/08/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.105*		*"*	*0.120*		*87.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.108*		*"*	*0.120*		*90.0*	*75-125*			

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Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0702 - General Preparation (GC)										
LCS (P0A0702-BS1)				Prepared: 01/07/20 Analyzed: 01/08/20						
Benzene	0.109	0.00100	mg/kg wet	0.100		109	70-130			
Toluene	0.0996	0.00100	"	0.100		99.6	70-130			
Ethylbenzene	0.102	0.00100	"	0.100		102	70-130			
Xylene (p/m)	0.211	0.00200	"	0.200		105	70-130			
Xylene (o)	0.109	0.00100	"	0.100		109	70-130			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
LCS Dup (P0A0702-BSD1)				Prepared: 01/07/20 Analyzed: 01/08/20						
Benzene	0.104	0.00100	mg/kg wet	0.100		104	70-130	4.63	20	
Toluene	0.106	0.00100	"	0.100		106	70-130	6.35	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	70-130	5.90	20	
Xylene (p/m)	0.225	0.00200	"	0.200		112	70-130	6.30	20	
Xylene (o)	0.103	0.00100	"	0.100		103	70-130	5.20	20	
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*99.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.137*		*"*	*0.120*		*114*	*75-125*			
Calibration Blank (P0A0702-CCB1)				Prepared: 01/07/20 Analyzed: 01/08/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*96.5*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.102*		*"*	*0.120*		*84.7*	*75-125*			
Calibration Blank (P0A0702-CCB2)				Prepared: 01/07/20 Analyzed: 01/08/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0702 - General Preparation (GC)										
Calibration Check (P0A0702-CCV1)				Prepared: 01/07/20 Analyzed: 01/08/20						
Benzene	0.105	0.00100	mg/kg wet	0.100		105	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.120*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.135*		*"*	*0.120*		*112*	*75-125*			
Calibration Check (P0A0702-CCV2)				Prepared: 01/07/20 Analyzed: 01/08/20						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120			
Toluene	0.0955	0.00100	"	0.100		95.5	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.198	0.00200	"	0.200		99.1	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Calibration Check (P0A0702-CCV3)				Prepared: 01/07/20 Analyzed: 01/08/20						
Benzene	0.113	0.00100	mg/kg wet	0.100		113	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	*0.138*		*"*	*0.120*		*115*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.120*		*108*	*75-125*			
Matrix Spike (P0A0702-MS1)		**Source: 0A06014-53**		Prepared: 01/07/20 Analyzed: 01/08/20						
Benzene	0.0968	0.00110	mg/kg dry	0.110	ND	88.1	80-120			
Toluene	0.0879	0.00110	"	0.110	ND	80.0	80-120			
Ethylbenzene	0.107	0.00110	"	0.110	ND	97.0	80-120			
Xylene (p/m)	0.165	0.00220	"	0.220	ND	74.9	80-120			QM-05
Xylene (o)	0.0772	0.00110	"	0.110	ND	70.3	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.141*		*"*	*0.132*		*107*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.149*		*"*	*0.132*		*113*	*75-125*			

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0702 - General Preparation (GC)										
Matrix Spike Dup (P0A0702-MSD1)	**Source: 0A06014-53**			Prepared: 01/07/20 Analyzed: 01/08/20						
Benzene	0.0945	0.00110	mg/kg dry	0.110	ND	86.0	80-120	2.38	20	
Toluene	0.0855	0.00110	"	0.110	ND	77.8	80-120	2.79	20	QM-05
Ethylbenzene	0.104	0.00110	"	0.110	ND	94.6	80-120	2.53	20	
Xylene (p/m)	0.164	0.00220	"	0.220	ND	74.7	80-120	0.281	20	QM-05
Xylene (o)	0.0791	0.00110	"	0.110	ND	72.0	80-120	2.43	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.146*		*"*	*0.132*		*111*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.139*		*"*	*0.132*		*106*	*75-125*			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0706 - * DEFAULT PREP *** **										
Blank (P0A0706-BLK1)				Prepared & Analyzed: 01/07/20						
% Moisture	ND	0.1	%							
Duplicate (P0A0706-DUP1)		**Source: 0A06009-06**		Prepared & Analyzed: 01/07/20						
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P0A0706-DUP2)		**Source: 0A06011-02**		Prepared & Analyzed: 01/07/20						
% Moisture	15.0	0.1	%		14.0			6.90	20	
Duplicate (P0A0706-DUP3)		**Source: 0A06014-19**		Prepared & Analyzed: 01/07/20						
% Moisture	9.0	0.1	%		9.0			0.00	20	
Duplicate (P0A0706-DUP4)		**Source: 0A06014-46**		Prepared & Analyzed: 01/07/20						
% Moisture	9.0	0.1	%		9.0			0.00	20	
Duplicate (P0A0706-DUP5)		**Source: 0A06015-20**		Prepared & Analyzed: 01/07/20						
% Moisture	9.0	0.1	%		8.0			11.8	20	
Batch P0A0907 - * DEFAULT PREP *** **										
Blank (P0A0907-BLK1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0A0907-BS1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	399	1.00	mg/kg wet	400		99.7	80-120			
LCS Dup (P0A0907-BSD1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	397	1.00	mg/kg wet	400		99.2	80-120	0.460	20	

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0907 - * DEFAULT PREP *** **										
Calibration Blank (P0A0907-CCB1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0A0907-CCB2)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0A0907-CCV1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	19.8		mg/kg	20.0		99.2	0-200			
Calibration Check (P0A0907-CCV2)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	0.00		mg/kg	20.0			0-200			
Calibration Check (P0A0907-CCV3)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	19.5		mg/kg	20.0		97.7	0-200			
Matrix Spike (P0A0907-MS1)		**Source: 0A06009-03**		Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	9160	26.0	mg/kg dry	2600	7000	83.1	80-120			
Matrix Spike (P0A0907-MS2)		**Source: 0A06010-09**		Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	14900	53.2	mg/kg dry	5320	10400	84.6	80-120			
Matrix Spike Dup (P0A0907-MSD1)		**Source: 0A06009-03**		Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	9440	26.0	mg/kg dry	2600	7000	93.7	80-120	2.98	20	
Matrix Spike Dup (P0A0907-MSD2)		**Source: 0A06010-09**		Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	14900	53.2	mg/kg dry	5320	10400	83.4	80-120	0.446	20	
Batch P0A0908 - * DEFAULT PREP *** **										
Blank (P0A0908-BLK1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	ND	0.100	mg/kg wet							

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0908 - * DEFAULT PREP *** **										
LCS (P0A0908-BS1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	393	1.00	mg/kg wet	400		98.4	80-120			
LCS Dup (P0A0908-BSD1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	394	1.00	mg/kg wet	400		98.4	80-120	0.0280	20	
Calibration Blank (P0A0908-CCB1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0A0908-CCB2)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0A0908-CCV1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	19.5		mg/kg	20.0		97.7	0-200			
Calibration Check (P0A0908-CCV2)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	19.6		mg/kg	20.0		98.2	0-200			
Calibration Check (P0A0908-CCV3)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	19.9		mg/kg	20.0		99.3	0-200			
Matrix Spike (P0A0908-MS1)		**Source: 0A06014-08**		Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	4480	5.62	mg/kg dry	562	4060	74.9	80-120			
Matrix Spike (P0A0908-MS2)		**Source: 0A06014-12**		Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	2300	5.49	mg/kg dry	549	1930	68.0	80-120			
Matrix Spike Dup (P0A0908-MSD1)		**Source: 0A06014-08**		Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	4340	5.62	mg/kg dry	562	4060	49.9	80-120	3.19	20	

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0908 - * DEFAULT PREP *** **										
Matrix Spike Dup (P0A0908-MSD2)	**Source: 0A06014-12**			Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	2390	5.49	mg/kg dry	549	1930	83.7	80-120	3.67	20	
Batch P0A0909 - * DEFAULT PREP *** **										
Blank (P0A0909-BLK1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0A0909-BS1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	394	1.00	mg/kg wet	400		98.6	80-120			
LCS Dup (P0A0909-BSD1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	396	1.00	mg/kg wet	400		99.1	80-120	0.488	20	
Calibration Blank (P0A0909-CCB1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0A0909-CCB2)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0A0909-CCV1)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	19.9		mg/kg	20.0		99.3	0-200			
Calibration Check (P0A0909-CCV2)				Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	19.8		mg/kg	20.0		98.8	0-200			
Calibration Check (P0A0909-CCV3)				Prepared: 01/09/20 Analyzed: 01/11/20						
Chloride	20.3		mg/kg	20.0		101	0-200			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0909 - * DEFAULT PREP *** **										
Matrix Spike (P0A0909-MS1)	**Source: 0A06014-22**			Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	2540	5.68	mg/kg dry	568	2050	85.6	80-120			
Matrix Spike (P0A0909-MS2)	**Source: 0A06014-32**			Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	1300	1.10	mg/kg dry	549	833	85.1	80-120			
Matrix Spike Dup (P0A0909-MSD1)	**Source: 0A06014-22**			Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	2580	5.68	mg/kg dry	568	2050	93.1	80-120	1.66	20	
Matrix Spike Dup (P0A0909-MSD2)	**Source: 0A06014-32**			Prepared: 01/09/20 Analyzed: 01/10/20						
Chloride	1250	1.10	mg/kg dry	549	833	76.3	80-120	3.77	20	
Batch P0A1010 - * DEFAULT PREP *** **										
Blank (P0A1010-BLK1)				Prepared: 01/10/20 Analyzed: 01/11/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0A1010-BS1)				Prepared: 01/10/20 Analyzed: 01/11/20						
Chloride	394	1.00	mg/kg wet	400		98.5	80-120			
LCS Dup (P0A1010-BSD1)				Prepared: 01/10/20 Analyzed: 01/11/20						
Chloride	395	1.00	mg/kg wet	400		98.6	80-120	0.117	20	
Calibration Blank (P0A1010-CCB1)				Prepared: 01/10/20 Analyzed: 01/11/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0A1010-CCB2)				Prepared: 01/10/20 Analyzed: 01/11/20						
Chloride	0.00		mg/kg wet							

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1010 - * DEFAULT PREP *** **										
Calibration Check (P0A1010-CCV1)				Prepared: 01/10/20 Analyzed: 01/11/20						
Chloride	20.3		mg/kg	20.0		101	0-200			
Calibration Check (P0A1010-CCV2)				Prepared: 01/10/20 Analyzed: 01/11/20						
Chloride	20.0		mg/kg	20.0		100	0-200			
Matrix Spike (P0A1010-MS1)		**Source: 0A10005-01**		Prepared: 01/10/20 Analyzed: 01/11/20						
Chloride	521	1.05	mg/kg dry	526	33.0	92.7	80-120			
Matrix Spike (P0A1010-MS2)		**Source: 0A06014-49**		Prepared: 01/10/20 Analyzed: 01/11/20						
Chloride	3470	7.58	mg/kg dry	758	2830	84.4	80-120			
Matrix Spike Dup (P0A1010-MSD1)		**Source: 0A10005-01**		Prepared: 01/10/20 Analyzed: 01/11/20						
Chloride	510	1.05	mg/kg dry	526	33.0	90.7	80-120	2.09	20	
Matrix Spike Dup (P0A1010-MSD2)		**Source: 0A06014-49**		Prepared: 01/10/20 Analyzed: 01/11/20						
Chloride	3470	7.58	mg/kg dry	758	2830	84.6	80-120	0.0305	20	
Batch P0A1011 - * DEFAULT PREP *** **										
Blank (P0A1011-BLK1)				Prepared: 01/10/20 Analyzed: 01/12/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0A1011-BS1)				Prepared: 01/10/20 Analyzed: 01/12/20						
Chloride	401	1.00	mg/kg wet	400		100	80-120			
LCS Dup (P0A1011-BSD1)				Prepared: 01/10/20 Analyzed: 01/12/20						
Chloride	403	1.00	mg/kg wet	400		101	80-120	0.457	20	

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Project Manager: Mark Larson

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1011 - * DEFAULT PREP *** **										
Calibration Blank (P0A1011-CCB1)				Prepared: 01/10/20 Analyzed: 01/12/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0A1011-CCB2)				Prepared: 01/10/20 Analyzed: 01/12/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0A1011-CCV1)				Prepared: 01/10/20 Analyzed: 01/11/20						
Chloride	20.1		mg/kg	20.0		100	0-200			
Calibration Check (P0A1011-CCV2)				Prepared: 01/10/20 Analyzed: 01/12/20						
Chloride	20.3		mg/kg	20.0		102	0-200			
Calibration Check (P0A1011-CCV3)				Prepared: 01/10/20 Analyzed: 01/12/20						
Chloride	20.8		mg/kg	20.0		104	0-200			
Matrix Spike (P0A1011-MS1)		**Source: 0A09021-01**		Prepared: 01/10/20 Analyzed: 01/12/20						
Chloride	9740	28.1	mg/kg dry	2810	6970	98.6	80-120			
Matrix Spike (P0A1011-MS2)		**Source: 0A09021-13**		Prepared: 01/10/20 Analyzed: 01/12/20						
Chloride	7970	28.7	mg/kg dry	2870	5160	97.6	80-120			
Matrix Spike Dup (P0A1011-MSD1)		**Source: 0A09021-01**		Prepared: 01/10/20 Analyzed: 01/12/20						
Chloride	9370	28.1	mg/kg dry	2810	6970	85.3	80-120	3.91	20	
Matrix Spike Dup (P0A1011-MSD2)		**Source: 0A09021-13**		Prepared: 01/10/20 Analyzed: 01/12/20						
Chloride	7910	28.7	mg/kg dry	2870	5160	95.5	80-120	0.764	20	

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Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0608 - TX 1005										
Blank (P0A0608-BLK1)				Prepared: 01/06/20 Analyzed: 01/07/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*95.3*		*"*	*100*		*95.3*	*70-130*			
Surrogate: o-Terphenyl	*50.7*		*"*	*50.0*		*101*	*70-130*			
LCS (P0A0608-BS1)				Prepared: 01/06/20 Analyzed: 01/07/20						
C6-C12	952	25.0	mg/kg wet	1000		95.2	75-125			
>C12-C28	1080	25.0	"	1000		108	75-125			
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*46.3*		*"*	*50.0*		*92.6*	*70-130*			
LCS Dup (P0A0608-BSD1)				Prepared: 01/06/20 Analyzed: 01/07/20						
C6-C12	935	25.0	mg/kg wet	1000		93.5	75-125	1.72	20	
>C12-C28	1100	25.0	"	1000		110	75-125	1.95	20	
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*45.1*		*"*	*50.0*		*90.3*	*70-130*			
Calibration Blank (P0A0608-CCB1)				Prepared: 01/06/20 Analyzed: 01/07/20						
C6-C12	20.7		mg/kg wet							
>C12-C28	17.5		"							
Surrogate: 1-Chlorooctane	*91.7*		*"*	*100*		*91.7*	*70-130*			
Surrogate: o-Terphenyl	*48.9*		*"*	*50.0*		*97.8*	*70-130*			
Calibration Check (P0A0608-CCV1)				Prepared: 01/06/20 Analyzed: 01/07/20						
C6-C12	562	25.0	mg/kg wet	500		112	85-115			
>C12-C28	519	25.0	"	500		104	85-115			
Surrogate: 1-Chlorooctane	*109*		*"*	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*47.5*		*"*	*50.0*		*95.0*	*70-130*			

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0608 - TX 1005										
Calibration Check (P0A0608-CCV3)				Prepared: 01/06/20 Analyzed: 01/07/20						
C6-C12	568	25.0	mg/kg wet	500		114	85-115			
>C12-C28	532	25.0	"	500		106	85-115			
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*47.7*		*"*	*50.0*		*95.5*	*70-130*			
Matrix Spike (P0A0608-MS1)		**Source: 0A06014-18**		Prepared: 01/06/20 Analyzed: 01/07/20						
C6-C12	1110	26.9	mg/kg dry	1080	23.4	101	75-125			
>C12-C28	1290	26.9	"	1080	14.6	118	75-125			
Surrogate: 1-Chlorooctane	*128*		*"*	*108*		*119*	*70-130*			
Surrogate: o-Terphenyl	*55.6*		*"*	*53.8*		*103*	*70-130*			
Matrix Spike Dup (P0A0608-MSD1)		**Source: 0A06014-18**		Prepared: 01/06/20 Analyzed: 01/07/20						
C6-C12	1010	26.9	mg/kg dry	1080	23.4	91.9	75-125	9.19	20	
>C12-C28	1180	26.9	"	1080	14.6	108	75-125	8.87	20	
Surrogate: 1-Chlorooctane	*116*		*"*	*108*		*108*	*70-130*			
Surrogate: o-Terphenyl	*47.6*		*"*	*53.8*		*88.5*	*70-130*			
Batch P0A0704 - TX 1005										
Blank (P0A0704-BLK1)				Prepared: 01/07/20 Analyzed: 01/08/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*89.5*		*"*	*100*		*89.5*	*70-130*			
Surrogate: o-Terphenyl	*44.0*		*"*	*50.0*		*87.9*	*70-130*			
LCS (P0A0704-BS1)				Prepared & Analyzed: 01/07/20						
C6-C12	1000	25.0	mg/kg wet	1000		100	75-125			
>C12-C28	1040	25.0	"	1000		104	75-125			
Surrogate: 1-Chlorooctane	*99.7*		*"*	*100*		*99.7*	*70-130*			
Surrogate: o-Terphenyl	*42.1*		*"*	*50.0*		*84.2*	*70-130*			

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Project Manager: Mark Larson

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0704 - TX 1005										
LCS Dup (P0A0704-BSD1)				Prepared: 01/07/20 Analyzed: 01/08/20						
C6-C12	1010	25.0	mg/kg wet	1000		101	75-125	1.01	20	
>C12-C28	1080	25.0	"	1000		108	75-125	3.29	20	
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*43.1*		*"*	*50.0*		*86.3*	*70-130*			
Calibration Blank (P0A0704-CCB1)				Prepared & Analyzed: 01/07/20						
C6-C12	18.9		mg/kg wet							
>C12-C28	7.00		"							
Surrogate: 1-Chlorooctane	*87.4*		*"*	*100*		*87.4*	*70-130*			
Surrogate: o-Terphenyl	*42.9*		*"*	*50.0*		*85.7*	*70-130*			
Calibration Blank (P0A0704-CCB2)				Prepared: 01/07/20 Analyzed: 01/08/20						
C6-C12	19.4		mg/kg wet							
>C12-C28	7.18		"							
Surrogate: 1-Chlorooctane	*90.0*		*"*	*100*		*90.0*	*70-130*			
Surrogate: o-Terphenyl	*44.6*		*"*	*50.0*		*89.1*	*70-130*			
Calibration Check (P0A0704-CCV1)				Prepared & Analyzed: 01/07/20						
C6-C12	535	25.0	mg/kg wet	500		107	85-115			
>C12-C28	541	25.0	"	500		108	85-115			
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*47.9*		*"*	*50.0*		*95.9*	*70-130*			
Calibration Check (P0A0704-CCV2)				Prepared: 01/07/20 Analyzed: 01/08/20						
C6-C12	560	25.0	mg/kg wet	500		112	85-115			
>C12-C28	545	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*48.1*		*"*	*50.0*		*96.3*	*70-130*			

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Project Manager: Mark Larson

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0704 - TX 1005										
Calibration Check (P0A0704-CCV3)				Prepared: 01/07/20 Analyzed: 01/08/20						
C6-C12	510	25.0	mg/kg wet	500		102	85-115			
>C12-C28	533	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*46.5*		*"*	*50.0*		*92.9*	*70-130*			
Matrix Spike (P0A0704-MS1)		**Source: 0A06014-38**		Prepared: 01/07/20 Analyzed: 01/08/20						
C6-C12	1100	26.6	mg/kg dry	1060	21.1	101	75-125			
>C12-C28	1130	26.6	"	1060	ND	106	75-125			
Surrogate: 1-Chlorooctane	*106*		*"*	*106*		*100*	*70-130*			
Surrogate: o-Terphenyl	*46.0*		*"*	*53.2*		*86.4*	*70-130*			
Matrix Spike Dup (P0A0704-MSD1)		**Source: 0A06014-38**		Prepared: 01/07/20 Analyzed: 01/08/20						
C6-C12	1070	26.6	mg/kg dry	1060	21.1	99.0	75-125	1.95	20	
>C12-C28	1130	26.6	"	1060	ND	107	75-125	0.237	20	
Surrogate: 1-Chlorooctane	*109*		*"*	*106*		*102*	*70-130*			
Surrogate: o-Terphenyl	*45.5*		*"*	*53.2*		*85.5*	*70-130*			
Batch P0A0705 - TX 1005										
Blank (P0A0705-BLK1)				Prepared & Analyzed: 01/07/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*49.9*		*"*	*50.0*		*99.9*	*70-130*			
LCS (P0A0705-BS1)				Prepared & Analyzed: 01/07/20						
C6-C12	973	25.0	mg/kg wet	1000		97.3	75-125			
>C12-C28	1010	25.0	"	1000		101	75-125			
Surrogate: 1-Chlorooctane	*105*		*"*	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*43.2*		*"*	*50.0*		*86.5*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0705 - TX 1005										
LCS Dup (P0A0705-BSD1)				Prepared & Analyzed: 01/07/20						
C6-C12	1060	25.0	mg/kg wet	1000		106	75-125	8.12	20	
>C12-C28	1090	25.0	"	1000		109	75-125	6.85	20	
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*45.9*		*"*	*50.0*		*91.7*	*70-130*			
Calibration Blank (P0A0705-CCB1)				Prepared & Analyzed: 01/07/20						
C6-C12	22.9		mg/kg wet							
>C12-C28	5.43		"							
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*50.9*		*"*	*50.0*		*102*	*70-130*			
Calibration Blank (P0A0705-CCB2)				Prepared & Analyzed: 01/07/20						
C6-C12	22.6		mg/kg wet							
>C12-C28	4.22		"							
Surrogate: 1-Chlorooctane	*104*		*"*	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*51.9*		*"*	*50.0*		*104*	*70-130*			
Calibration Check (P0A0705-CCV1)				Prepared & Analyzed: 01/07/20						
C6-C12	571	25.0	mg/kg wet	500		114	85-115			
>C12-C28	503	25.0	"	500		101	85-115			
Surrogate: 1-Chlorooctane	*114*		*"*	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*47.5*		*"*	*50.0*		*94.9*	*70-130*			
Calibration Check (P0A0705-CCV2)				Prepared & Analyzed: 01/07/20						
C6-C12	530	25.0	mg/kg wet	500		106	85-115			
>C12-C28	395	25.0	"	500		79.0	85-115			
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*47.8*		*"*	*50.0*		*95.6*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A0705 - TX 1005										
Matrix Spike (P0A0705-MS1)	**Source: 0A06014-53**			Prepared & Analyzed: 01/07/20						
C6-C12	1170	27.5	mg/kg dry	1100	21.1	104	75-125			
>C12-C28	1240	27.5	"	1100	ND	113	75-125			
Surrogate: 1-Chlorooctane	*120*		*"*	*110*		*109*	*70-130*			
Surrogate: o-Terphenyl	*49.8*		*"*	*54.9*		*90.6*	*70-130*			
Matrix Spike Dup (P0A0705-MSD1)	**Source: 0A06014-53**			Prepared & Analyzed: 01/07/20						
C6-C12	1180	27.5	mg/kg dry	1100	21.1	105	75-125	0.755	20	
>C12-C28	1260	27.5	"	1100	ND	115	75-125	1.83	20	
Surrogate: 1-Chlorooctane	*118*		*"*	*110*		*107*	*70-130*			
Surrogate: o-Terphenyl	*50.3*		*"*	*54.9*		*91.6*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Notes and Definitions

ROI	Received on Ice
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 1/13/2020

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

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CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 1/6/2020 PAGE 1 OF 4

PO#: LAB WORK ORDER#: 0A06014

PROJECT LOCATION OR NAME: Montreal TH PW Rotec

LAI PROJECT #: 19-0179-04 COLLECTOR: EC

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☐ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐	8082 PCBS ☐	8151 HERBICIDES ☐	TCLP - METALS (RCRA) ☐	TCLP - PEST ☐	HERB ☐	TCLP VOC ☐	TOTAL METALS (RCRA) ☐	Semi-VOC ☐	LEAD - TOTAL ☐	D.W. 200.8 ☐	OTHER LIST ☐	RCI ☐	TOX ☐	TCLP ☐	TDS ☐	TSS ☐	FLASHPOINT ☐	% MOISTURE ☐	pH ☐	HEXAVALENT CHROMIUM ☐	CYANIDE ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDES ☒	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
SP-13.1	1	1/3/20	10:57	S	1				X		X			X	X	X																								X			
SP-13.2	2		10:57																																							
SP-13.3	3		10:59																																							
SP-13.4	4		11:02																																							
SP-13.5	5		11:03																																							
SP-13.6	6		11:06																																							
SP-13.7	7		11:07																																							
SP-15.1	8		10:35																																							
SP-15.2	9		10:36																																							
SP-15.3	10		10:38																																							
SP-15.4	11		10:40																																							
SP-15.5	12		10:42																																							
SP-15.6	13		10:44																																							
SP-15.7	14		10:45																																							
SP-15.8	15		10:47																																							
TOTAL					15																																					

RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
Rachel Owen	1.6.20 / 9:11	
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
	1.6.20 9:11	Rachel Owen

LABORATORY: XBEL

TURN AROUND TIME
NORMAL ☒ 7days
1 DAY ☐
2 DAY ☐
OTHER ☐ CALL

LABORATORY USE ONLY:
RECEIVING TEMP: 2.6-3.6 THERM#:
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

Received by OCD: 4/29/2021 3:43:34 PM

Released to Imaging: 7/20/2021 2:11:28 PM

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CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 1/6/2020 PAGE 2 OF 4

PO#: LAB WORK ORDER#: 20A06014

PROJECT LOCATION OR NAME: Montreal 1H pw Release

LAI PROJECT #: 19-0179-04 COLLECTOR: EC

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	CHLORIDES ☒	FIELD NOTES
Sp-15.9	16	1/3/20	10:49	S	1				X		X	X	X	X	X	
Sp-15.10	17		10:51													
Sp-15.11	18		10:52													
Sp-15.12	19		10:54													
Sp-15.13	20		10:55													
Sp-10.1	21		11:10													
Sp-10.2	22		11:11													
Sp-10.3	23		11:12													
Sp-10.4	24		11:15													
Sp-10.5	25		11:17													
Sp-10.6	26		11:18													
Sp-10.7	27		11:20													
Sp-10.8	28		11:19													
Sp-10.9	29		11:21													
Sp-9.1	30		11:23													
TOTAL																

RELINQUISHED BY:(Signature) Rachel Quinn DATE/TIME 1-6-20 19:11 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 1.6.20 9:11 RECEIVED BY: (Signature)

LABORATORY: DBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐ CHI L2

LABORATORY USE ONLY:
RECEIVING TEMP: 2.6 3.6 THERM#:
CUSTODY SEALS - ☐ BROKEN ☑ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

Received by OCD: 4/20/2021 3:43:34 PM

Released to Imaging: 7/20/2021 2:11:28 PM

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CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 1/6/2020 PAGE 3 OF 4

PO#: LAB WORK ORDER#: 0A06014

PROJECT LOCATION OR NAME: Montreal 1H PW Rotary

LAI PROJECT #: 19-0179-04 COLLECTOR: EC

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐ (M300)	FIELD NOTES
SP-9.2	31	1/3/20	11:24	S	1				X		X		X	X		Y												X		
SP-9.3	32	11:24	1/3/20																											
SP-9.4	33	11:27																												
SP-9.5	34	11:28																												
SP-9.6	35	11:30																												
SP-7.1	36	11:30																												
SP-7.2	37	11:32																												
SP-7.3	38	11:33																												
SP-7.4	39	11:34																												
SP-6.1	40	11:35																												
SP-6.2	41	11:37																												
SP-11.1	42	11:38																												
SP-11.2	43	11:39																												
SP-11.3	44	11:40																												
SP-11.4	45	11:40																												
TOTAL					15																									

RELINQUISHED BY:(Signature) Rachel Owen DATE/TIME 1.6.20 9:11 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 1.6.20 9:11 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐ CHH L2

LABORATORY USE ONLY:
RECEIVING TEMP: 26-36 THERM#:
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

Received by OCD: 4/29/2021 3:43:34 PM
Released to Imaging: 7/20/2021 2:11:28 PM

Page 244 of 766

№ 0938

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 1/6/2020 PAGE 4 OF 4

PO#: LAB WORK ORDER#: 0A06014

PROJECT LOCATION OR NAME: Montreal 1H PW Release

LAI PROJECT #: 19-0179-04 COLLECTOR: EC

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒	MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
Sp-11.5	46	1/3/20	11:41	S	1				X		X		X		X	X	X												X			
Sp-11.6	47		11:43																													
Sp-11.7	48		11:42																													
Sp-11.8	49		11:43																													
Sp-11.9	50		11:44																													
Sp-11.10	51		11:45																													
Sp-11.11	52		11:45																													
Sp-11.12	53		11:46																													
TOTAL					8																											

RELINQUISHED BY:(Signature) Rachel Allen DATE/TIME 1.6.20/9:11 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 1.6.20 9:11 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐ CALL

LABORATORY USE ONLY:
RECEIVING TEMP: 2.6-3.6 THERM#:
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

Received by OCD: 4/29/2021 3:43:34 PM

Released to Imaging: 7/20/2021 2:11:28 PM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Select Energy Montreal 1H

Project Number: 19-0179-04

Location: None Given

Lab Order Number: 0A13002

NELAP/TCEQ # T104704516-17-8

Report Date: 01/21/20

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-3.1	0A13002-01	Soil	01/10/20 09:50	01-13-2020 10:52
SP-3.2	0A13002-02	Soil	01/10/20 09:53	01-13-2020 10:52
SP-3.3	0A13002-03	Soil	01/10/20 09:56	01-13-2020 10:52
SP-3.4	0A13002-04	Soil	01/10/20 10:00	01-13-2020 10:52
SP-3.5	0A13002-05	Soil	01/10/20 10:10	01-13-2020 10:52
SP-3.6	0A13002-06	Soil	01/10/20 10:12	01-13-2020 10:52
SP-3.7	0A13002-07	Soil	01/10/20 10:15	01-13-2020 10:52
SP-3.8	0A13002-08	Soil	01/10/20 10:16	01-13-2020 10:52
SP-3.9	0A13002-09	Soil	01/10/20 10:17	01-13-2020 10:52
SP-3.10	0A13002-10	Soil	01/10/20 10:18	01-13-2020 10:52
SP-3.11	0A13002-11	Soil	01/10/20 10:20	01-13-2020 10:52
SP-6.3	0A13002-12	Soil	01/10/20 10:57	01-13-2020 10:52
SP-6.4	0A13002-13	Soil	01/10/20 11:00	01-13-2020 10:52
SP-6.5	0A13002-14	Soil	01/10/20 11:03	01-13-2020 10:52
SP-6.6	0A13002-15	Soil	01/10/20 11:10	01-13-2020 10:52
SP-6.7	0A13002-16	Soil	01/10/20 11:11	01-13-2020 10:52
SP-6.8	0A13002-17	Soil	01/10/20 11:13	01-13-2020 10:52
SP-6.9	0A13002-18	Soil	01/10/20 11:14	01-13-2020 10:52
SP-6.10	0A13002-19	Soil	01/10/20 11:15	01-13-2020 10:52
SP-1.1	0A13002-20	Soil	01/10/20 11:41	01-13-2020 10:52
SP-2.1	0A13002-21	Soil	01/10/20 11:44	01-13-2020 10:52
SP-2.2	0A13002-22	Soil	01/10/20 11:46	01-13-2020 10:52

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-3.1

0A13002-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**142**	1.08	mg/kg dry	1	P0A1616	01/16/20	01/17/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.1 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.0 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	01/13/20	01/13/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-3.2

0A13002-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**19.1**	1.03	mg/kg dry	1	P0A1616	01/16/20	01/17/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.7 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.1 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/13/20	01/13/20	calc	

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Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-3.3

0A13002-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**98.8**	1.09	mg/kg dry	1	P0A1616	01/16/20	01/17/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.4 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/13/20	01/13/20	calc	

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Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-3.4

0A13002-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.1 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**217**	1.09	mg/kg dry	1	P0A1616	01/16/20	01/17/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.2 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.3 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/13/20	01/13/20	calc	

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Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-3.5

0A13002-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**38.3**	1.10	mg/kg dry	1	P0A1616	01/16/20	01/17/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.6 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.2 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/13/20	01/13/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-3.6

0A13002-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.9 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**162**	1.10	mg/kg dry	1	P0A1616	01/16/20	01/17/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.8 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.3 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/13/20	01/13/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-3.7

0A13002-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**31.3**	1.14	mg/kg dry	1	P0A1616	01/16/20	01/17/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*75.5 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*84.6 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	01/13/20	01/13/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-3.8

0A13002-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.9 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**18.4**	1.15	mg/kg dry	1	P0A1616	01/16/20	01/17/20	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*74.3 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*83.2 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	01/13/20	01/13/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-3.9

0A13002-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.1 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**163**	1.10	mg/kg dry	1	P0A1616	01/16/20	01/17/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.3 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/13/20	01/13/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-3.10

0A13002-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.5**	1.14	mg/kg dry	1	P0A1617	01/16/20	01/17/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.0 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	01/13/20	01/13/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-3.11

0A13002-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.4**	1.14	mg/kg dry	1	P0A1617	01/16/20	01/17/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.5 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.2 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	01/13/20	01/13/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-6.3

0A13002-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.4 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**13.4**	1.02	mg/kg dry	1	P0A1617	01/16/20	01/17/20	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.2 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.2 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/13/20	01/13/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-6.4

0A13002-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.6**	1.04	mg/kg dry	1	P0A1617	01/16/20	01/17/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0A1305	01/13/20	01/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.4 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.6 %*	*70-130*		*P0A1305*	*01/13/20*	*01/13/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	01/13/20	01/13/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-6.5

0A13002-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A1303*	*01/13/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.5**	1.04	mg/kg dry	1	P0A1617	01/16/20	01/17/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*75.1 %*	*70-130*		*P0A1305*	*01/13/20*	*01/14/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.4 %*	*70-130*		*P0A1305*	*01/13/20*	*01/14/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	01/13/20	01/14/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-6.6

0A13002-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1303*	*01/13/20*	*01/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*75-125*		*P0A1303*	*01/13/20*	*01/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**13.2**	1.11	mg/kg dry	1	P0A1617	01/16/20	01/17/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*78.5 %*	*70-130*		*P0A1305*	*01/13/20*	*01/14/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*91.3 %*	*70-130*		*P0A1305*	*01/13/20*	*01/14/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/13/20	01/14/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-6.7

0A13002-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1303*	*01/13/20*	*01/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0A1303*	*01/13/20*	*01/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**197**	1.06	mg/kg dry	1	P0A1617	01/16/20	01/17/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*71.2 %*	*70-130*		*P0A1305*	*01/13/20*	*01/14/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*84.7 %*	*70-130*		*P0A1305*	*01/13/20*	*01/14/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/13/20	01/14/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-6.8

0A13002-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1303*	*01/13/20*	*01/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P0A1303*	*01/13/20*	*01/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**30.1**	1.06	mg/kg dry	1	P0A1617	01/16/20	01/18/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.0 %*	*70-130*		*P0A1305*	*01/13/20*	*01/14/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.3 %*	*70-130*		*P0A1305*	*01/13/20*	*01/14/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/13/20	01/14/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-6.9

0A13002-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A1303*	*01/13/20*	*01/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P0A1303*	*01/13/20*	*01/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**66.4**	1.08	mg/kg dry	1	P0A1617	01/16/20	01/18/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*75.0 %*	*70-130*		*P0A1305*	*01/13/20*	*01/14/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*84.8 %*	*70-130*		*P0A1305*	*01/13/20*	*01/14/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	01/13/20	01/14/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-6.10

0A13002-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P0A1303*	*01/13/20*	*01/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A1303*	*01/13/20*	*01/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**79.2**	1.06	mg/kg dry	1	P0A1617	01/16/20	01/18/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*62.1 %*	*70-130*		*P0A1305*	*01/13/20*	*01/14/20*	*TPH 8015M*	*S-GC1*
Surrogate: o-Terphenyl		*69.9 %*	*70-130*		*P0A1305*	*01/13/20*	*01/14/20*	*TPH 8015M*	*S-GC1*
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/13/20	01/14/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-1.1

0A13002-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Ethylbenzene	ND	0.00200	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1303	01/13/20	01/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A1303*	*01/13/20*	*01/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*75-125*		*P0A1303*	*01/13/20*	*01/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**619**	1.15	mg/kg dry	1	P0A1617	01/16/20	01/18/20	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P0A1305	01/13/20	01/14/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.3 %*	*70-130*		*P0A1305*	*01/13/20*	*01/14/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*91.5 %*	*70-130*		*P0A1305*	*01/13/20*	*01/14/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	01/13/20	01/14/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-2.1

0A13002-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P0A1403	01/14/20	01/15/20	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P0A1403	01/14/20	01/15/20	EPA 8021B	
Ethylbenzene	ND	0.00227	mg/kg dry	1	P0A1403	01/14/20	01/15/20	EPA 8021B	
Xylene (p/m)	ND	0.00114	mg/kg dry	1	P0A1403	01/14/20	01/15/20	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P0A1403	01/14/20	01/15/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A1403*	*01/14/20*	*01/15/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A1403*	*01/14/20*	*01/15/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**39.8**	1.14	mg/kg dry	1	P0A1617	01/16/20	01/18/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0A1404	01/14/20	01/14/20	TPH 8015M	
>C12-C28	**51.0**	28.4	mg/kg dry	1	P0A1404	01/14/20	01/14/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0A1404	01/14/20	01/14/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.3 %*	*70-130*		*P0A1404*	*01/14/20*	*01/14/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.7 %*	*70-130*		*P0A1404*	*01/14/20*	*01/14/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**51.0**	28.4	mg/kg dry	1	[CALC]	01/14/20	01/14/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-2.2

0A13002-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00118	mg/kg dry	1	P0A1403	01/14/20	01/14/20	EPA 8021B	
Toluene	ND	0.00118	mg/kg dry	1	P0A1403	01/14/20	01/14/20	EPA 8021B	
Ethylbenzene	ND	0.00235	mg/kg dry	1	P0A1403	01/14/20	01/14/20	EPA 8021B	
Xylene (p/m)	ND	0.00118	mg/kg dry	1	P0A1403	01/14/20	01/14/20	EPA 8021B	
Xylene (o)	ND	0.00118	mg/kg dry	1	P0A1403	01/14/20	01/14/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.8 %*	*75-125*		*P0A1403*	*01/14/20*	*01/14/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.0 %*	*75-125*		*P0A1403*	*01/14/20*	*01/14/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.7**	1.18	mg/kg dry	1	P0A1617	01/16/20	01/18/20	EPA 300.0	
% Moisture	**15.0**	0.1	%	1	P0A1402	01/14/20	01/14/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.4	mg/kg dry	1	P0A1404	01/14/20	01/14/20	TPH 8015M	
>C12-C28	ND	29.4	mg/kg dry	1	P0A1404	01/14/20	01/14/20	TPH 8015M	
>C28-C35	ND	29.4	mg/kg dry	1	P0A1404	01/14/20	01/14/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0A1404*	*01/14/20*	*01/14/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P0A1404*	*01/14/20*	*01/14/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.4	mg/kg dry	1	[CALC]	01/14/20	01/14/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1303 - General Preparation (GC)										
Blank (P0A1303-BLK1)				Prepared: 01/13/20 Analyzed: 01/14/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00200	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*96.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.9*	*75-125*			
LCS (P0A1303-BS1)				Prepared: 01/13/20 Analyzed: 01/14/20						
Benzene	0.110	0.00100	mg/kg wet	0.100		110	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.103	0.00200	"	0.100		103	80-120			
Xylene (p/m)	0.224	0.00100	"	0.200		112	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	*0.129*		*"*	*0.120*		*107*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
LCS Dup (P0A1303-BSD1)				Prepared: 01/13/20 Analyzed: 01/14/20						
Benzene	0.108	0.00100	mg/kg wet	0.100		108	80-120	1.36	20	
Toluene	0.108	0.00100	"	0.100		108	80-120	1.40	20	
Ethylbenzene	0.102	0.00200	"	0.100		102	80-120	1.07	20	
Xylene (p/m)	0.221	0.00100	"	0.200		110	80-120	1.50	20	
Xylene (o)	0.114	0.00100	"	0.100		114	80-120	2.96	20	
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*104*	*75-125*			
Calibration Blank (P0A1303-CCB1)				Prepared: 01/13/20 Analyzed: 01/14/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*100*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1303 - General Preparation (GC)										
Calibration Blank (P0A1303-CCB2)				Prepared: 01/13/20 Analyzed: 01/14/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.7*	*75-125*			
Calibration Check (P0A1303-CCV1)				Prepared: 01/13/20 Analyzed: 01/14/20						
Benzene	0.105	0.00100	mg/kg wet	0.100		105	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.105	0.00200	"	0.100		105	80-120			
Xylene (p/m)	0.208	0.00100	"	0.200		104	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*105*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Calibration Check (P0A1303-CCV2)				Prepared: 01/13/20 Analyzed: 01/14/20						
Benzene	0.103	0.00100	mg/kg wet	0.100		103	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.101	0.00200	"	0.100		101	80-120			
Xylene (p/m)	0.202	0.00100	"	0.200		101	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
Calibration Check (P0A1303-CCV3)				Prepared: 01/13/20 Analyzed: 01/15/20						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.100	0.00200	"	0.100		100	80-120			
Xylene (p/m)	0.202	0.00100	"	0.200		101	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*107*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1303 - General Preparation (GC)										
Matrix Spike (P0A1303-MS1)	**Source: 0A13002-01**			Prepared: 01/13/20 Analyzed: 01/15/20						
Benzene	0.0844	0.00100	mg/kg dry	0.108	ND	78.5	80-120			QM-07
Toluene	0.0809	0.00100	"	0.108	ND	75.2	80-120			QM-07
Ethylbenzene	0.0933	0.00200	"	0.108	ND	86.7	80-120			
Xylene (p/m)	0.155	0.00100	"	0.215	ND	72.2	80-120			QM-07
Xylene (o)	0.0749	0.00100	"	0.108	ND	69.6	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.138*		*"*	*0.129*		*107*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.134*		*"*	*0.129*		*104*	*75-125*			
Matrix Spike Dup (P0A1303-MSD1)	**Source: 0A13002-01**			Prepared: 01/13/20 Analyzed: 01/15/20						
Benzene	0.0877	0.00100	mg/kg dry	0.108	ND	81.6	80-120	3.85	20	
Toluene	0.0829	0.00100	"	0.108	ND	77.1	80-120	2.44	20	QM-07
Ethylbenzene	0.0940	0.00200	"	0.108	ND	87.4	80-120	0.804	20	
Xylene (p/m)	0.157	0.00100	"	0.215	ND	73.1	80-120	1.32	20	QM-07
Xylene (o)	0.0748	0.00100	"	0.108	ND	69.6	80-120	0.101	20	QM-07
Surrogate: 4-Bromofluorobenzene	*0.136*		*"*	*0.129*		*105*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.136*		*"*	*0.129*		*105*	*75-125*			
Batch P0A1403 - General Preparation (GC)										
Blank (P0A1403-BLK1)				Prepared & Analyzed: 01/14/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00200	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1403 - General Preparation (GC)										
LCS (P0A1403-BS1)				Prepared & Analyzed: 01/14/20						
Benzene	0.116	0.00100	mg/kg wet	0.100		116	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.107	0.00200	"	0.100		107	80-120			
Xylene (p/m)	0.229	0.00100	"	0.200		114	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*98.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
LCS Dup (P0A1403-BSD1)				Prepared & Analyzed: 01/14/20						
Benzene	0.112	0.00100	mg/kg wet	0.100		112	80-120	4.23	20	
Toluene	0.103	0.00100	"	0.100		103	80-120	4.40	20	
Ethylbenzene	0.106	0.00200	"	0.100		106	80-120	0.602	20	
Xylene (p/m)	0.218	0.00100	"	0.200		109	80-120	4.65	20	
Xylene (o)	0.112	0.00100	"	0.100		112	80-120	3.58	20	
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*99.6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*103*	*75-125*			
Calibration Blank (P0A1403-CCB1)				Prepared & Analyzed: 01/14/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.8*	*75-125*			
Calibration Check (P0A1403-CCV1)				Prepared & Analyzed: 01/14/20						
Benzene	0.107	0.00100	mg/kg wet	0.100		107	80-120			
Toluene	0.0983	0.00100	"	0.100		98.3	80-120			
Ethylbenzene	0.0968	0.00200	"	0.100		96.8	80-120			
Xylene (p/m)	0.203	0.00100	"	0.200		102	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.5*	*75-125*			

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Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1403 - General Preparation (GC)										
Calibration Check (P0A1403-CCV2)				Prepared: 01/14/20 Analyzed: 01/15/20						
Benzene	0.104	0.00100	mg/kg wet	0.100		104	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.109	0.00200	"	0.100		109	80-120			
Xylene (p/m)	0.224	0.00100	"	0.200		112	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.130*		*"*	*0.120*		*108*	*75-125*			
Matrix Spike (P0A1403-MS1)		**Source: 0A14002-01**		Prepared & Analyzed: 01/14/20						
Benzene	0.0872	0.00105	mg/kg dry	0.105	0.00137	81.5	80-120			
Toluene	0.0877	0.00105	"	0.105	0.00641	77.3	80-120			QM-07
Ethylbenzene	0.0976	0.00211	"	0.105	ND	92.7	80-120			
Xylene (p/m)	0.169	0.00105	"	0.211	0.00498	78.0	80-120			QM-07
Xylene (o)	0.0866	0.00105	"	0.105	ND	82.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.138*		*"*	*0.126*		*110*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.126*		*100*	*75-125*			
Matrix Spike Dup (P0A1403-MSD1)		**Source: 0A14002-01**		Prepared & Analyzed: 01/14/20						
Benzene	0.0863	0.00105	mg/kg dry	0.105	0.00137	80.7	80-120	1.04	20	
Toluene	0.0829	0.00105	"	0.105	0.00641	72.7	80-120	6.09	20	QM-07
Ethylbenzene	0.0932	0.00211	"	0.105	ND	88.5	80-120	4.60	20	
Xylene (p/m)	0.159	0.00105	"	0.211	0.00498	73.1	80-120	6.45	20	QM-07
Xylene (o)	0.0775	0.00105	"	0.105	ND	73.6	80-120	11.1	20	QM-07
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.126*		*99.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.134*		*"*	*0.126*		*106*	*75-125*			

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Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1402 - * DEFAULT PREP *** **										
Blank (P0A1402-BLK1)				Prepared & Analyzed: 01/14/20						
% Moisture	ND	0.1	%							
Duplicate (P0A1402-DUP1)		**Source: 0A13002-17**		Prepared & Analyzed: 01/14/20						
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P0A1402-DUP2)		**Source: 0A13005-01**		Prepared & Analyzed: 01/14/20						
% Moisture	ND	0.1	%		ND				20	
Batch P0A1616 - * DEFAULT PREP *** **										
Blank (P0A1616-BLK1)				Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0A1616-BS1)				Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	396	1.00	mg/kg wet	400		99.0	80-120			
LCS Dup (P0A1616-BSD1)				Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	393	1.00	mg/kg wet	400		98.3	80-120	0.717	20	
Calibration Blank (P0A1616-CCB1)				Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0A1616-CCB2)				Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0A1616-CCV1)				Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	20.7		mg/kg	20.0		103	0-200			

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Project Manager: Mark Larson

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1616 - * DEFAULT PREP *** **										
Calibration Check (P0A1616-CCV2)				Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	20.9		mg/kg	20.0		104	0-200			
Calibration Check (P0A1616-CCV3)				Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	19.9		mg/kg	20.0		99.7	0-200			
Matrix Spike (P0A1616-MS1)		**Source: 0A09015-15**		Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	2960	12.7	mg/kg dry	1270	1640	105	80-120			
Matrix Spike (P0A1616-MS2)		**Source: 0A09024-05**		Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	1740	5.95	mg/kg dry	595	1160	96.8	80-120			
Matrix Spike Dup (P0A1616-MSD1)		**Source: 0A09015-15**		Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	3050	12.7	mg/kg dry	1270	1640	111	80-120	2.77	20	
Matrix Spike Dup (P0A1616-MSD2)		**Source: 0A09024-05**		Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	1710	5.95	mg/kg dry	595	1160	92.4	80-120	1.52	20	
Batch P0A1617 - * DEFAULT PREP *** **										
Blank (P0A1617-BLK1)				Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0A1617-BS1)				Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	392	1.00	mg/kg wet	400		97.9	80-120			
LCS Dup (P0A1617-BSD1)				Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	392	1.00	mg/kg wet	400		98.0	80-120	0.143	20	

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1617 - * DEFAULT PREP *** **										
Calibration Blank (P0A1617-CCB1)				Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0A1617-CCB2)				Prepared: 01/16/20 Analyzed: 01/18/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0A1617-CCV1)				Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	19.9		mg/kg	20.0		99.7	0-200			
Calibration Check (P0A1617-CCV2)				Prepared: 01/16/20 Analyzed: 01/18/20						
Chloride	20.1		mg/kg	20.0		100	0-200			
Calibration Check (P0A1617-CCV3)				Prepared: 01/16/20 Analyzed: 01/18/20						
Chloride	20.1		mg/kg	20.0		100	0-200			
Matrix Spike (P0A1617-MS1)		**Source: 0A13002-10**		Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	551	1.14	mg/kg dry	568	12.5	94.8	80-120			
Matrix Spike (P0A1617-MS2)		**Source: 0A09026-01**		Prepared: 01/16/20 Analyzed: 01/18/20						
Chloride	2610	5.95	mg/kg dry	595	2050	95.1	80-120			
Matrix Spike Dup (P0A1617-MSD1)		**Source: 0A13002-10**		Prepared: 01/16/20 Analyzed: 01/17/20						
Chloride	523	1.14	mg/kg dry	568	12.5	89.8	80-120	5.24	20	
Matrix Spike Dup (P0A1617-MSD2)		**Source: 0A09026-01**		Prepared: 01/16/20 Analyzed: 01/18/20						
Chloride	2610	5.95	mg/kg dry	595	2050	94.7	80-120	0.0684	20	

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Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1305 - TX 1005										
Blank (P0A1305-BLK1)				Prepared & Analyzed: 01/13/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*96.6*		*"*	*100*		*96.6*	*70-130*			
Surrogate: o-Terphenyl	*50.8*		*"*	*50.0*		*102*	*70-130*			
LCS (P0A1305-BS1)				Prepared & Analyzed: 01/13/20						
C6-C12	1060	25.0	mg/kg wet	1000		106	75-125			
>C12-C28	1060	25.0	"	1000		106	75-125			
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*50.0*		*"*	*50.0*		*100*	*70-130*			
LCS Dup (P0A1305-BSD1)				Prepared & Analyzed: 01/13/20						
C6-C12	1030	25.0	mg/kg wet	1000		103	75-125	2.71	20	
>C12-C28	1050	25.0	"	1000		105	75-125	0.756	20	
Surrogate: 1-Chlorooctane	*101*		*"*	*100*		*101*	*70-130*			
Surrogate: o-Terphenyl	*44.6*		*"*	*50.0*		*89.2*	*70-130*			
Calibration Blank (P0A1305-CCB1)				Prepared & Analyzed: 01/13/20						
C6-C12	19.8		mg/kg wet							
>C12-C28	17.2		"							
Surrogate: 1-Chlorooctane	*101*		*"*	*100*		*101*	*70-130*			
Surrogate: o-Terphenyl	*53.5*		*"*	*50.0*		*107*	*70-130*			
Calibration Blank (P0A1305-CCB2)				Prepared & Analyzed: 01/13/20						
C6-C12	23.1		mg/kg wet							
>C12-C28	15.0		"							
Surrogate: 1-Chlorooctane	*97.2*		*"*	*100*		*97.2*	*70-130*			
Surrogate: o-Terphenyl	*51.6*		*"*	*50.0*		*103*	*70-130*			

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Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1305 - TX 1005										
Calibration Check (P0A1305-CCV1)				Prepared & Analyzed: 01/13/20						
C6-C12	574	25.0	mg/kg wet	500		115	85-115			
>C12-C28	485	25.0	"	500		97.1	85-115			
Surrogate: 1-Chlorooctane	*108*		"	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*48.5*		"	*50.0*		*97.0*	*70-130*			
Calibration Check (P0A1305-CCV2)				Prepared & Analyzed: 01/13/20						
C6-C12	555	25.0	mg/kg wet	500		111	85-115			
>C12-C28	511	25.0	"	500		102	85-115			
Surrogate: 1-Chlorooctane	*99.3*		"	*100*		*99.3*	*70-130*			
Surrogate: o-Terphenyl	*46.9*		"	*50.0*		*93.9*	*70-130*			
Calibration Check (P0A1305-CCV3)				Prepared: 01/13/20 Analyzed: 01/14/20						
C6-C12	565	25.0	mg/kg wet	500		113	85-115			
>C12-C28	530	25.0	"	500		106	85-115			
Surrogate: 1-Chlorooctane	*104*		"	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*48.5*		"	*50.0*		*97.0*	*70-130*			
Matrix Spike (P0A1305-MS1)	**Source: 0A13002-20**			Prepared: 01/13/20 Analyzed: 01/14/20						
C6-C12	1100	28.7	mg/kg dry	1150	20.8	94.1	75-125			
>C12-C28	1120	28.7	"	1150	ND	97.1	75-125			
Surrogate: 1-Chlorooctane	*90.9*		"	*115*		*79.1*	*70-130*			
Surrogate: o-Terphenyl	*42.9*		"	*57.5*		*74.6*	*70-130*			
Matrix Spike Dup (P0A1305-MSD1)	**Source: 0A13002-20**			Prepared: 01/13/20 Analyzed: 01/14/20						
C6-C12	1090	28.7	mg/kg dry	1150	20.8	92.8	75-125	1.42	20	
>C12-C28	1110	28.7	"	1150	ND	96.3	75-125	0.848	20	
Surrogate: 1-Chlorooctane	*90.6*		"	*115*		*78.8*	*70-130*			
Surrogate: o-Terphenyl	*40.9*		"	*57.5*		*71.2*	*70-130*			

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Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1404 - TX 1005										
Blank (P0A1404-BLK1)				Prepared & Analyzed: 01/14/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*88.3*		*"*	*100*		*88.3*	*70-130*			
Surrogate: o-Terphenyl	*45.8*		*"*	*50.0*		*91.6*	*70-130*			
LCS (P0A1404-BS1)				Prepared & Analyzed: 01/14/20						
C6-C12	846	25.0	mg/kg wet	1000		84.6	75-125			
>C12-C28	975	25.0	"	1000		97.5	75-125			
Surrogate: 1-Chlorooctane	*102*		*"*	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*42.7*		*"*	*50.0*		*85.3*	*70-130*			
LCS Dup (P0A1404-BSD1)				Prepared & Analyzed: 01/14/20						
C6-C12	856	25.0	mg/kg wet	1000		85.6	75-125	1.23	20	
>C12-C28	990	25.0	"	1000		99.0	75-125	1.60	20	
Surrogate: 1-Chlorooctane	*107*		*"*	*100*		*107*	*70-130*			
Surrogate: o-Terphenyl	*46.8*		*"*	*50.0*		*93.6*	*70-130*			
Calibration Blank (P0A1404-CCB1)				Prepared & Analyzed: 01/14/20						
C6-C12	19.0		mg/kg wet							
>C12-C28	7.43		"							
Surrogate: 1-Chlorooctane	*91.5*		*"*	*100*		*91.5*	*70-130*			
Surrogate: o-Terphenyl	*48.3*		*"*	*50.0*		*96.6*	*70-130*			
Calibration Blank (P0A1404-CCB2)				Prepared & Analyzed: 01/14/20						
C6-C12	15.5		mg/kg wet							
>C12-C28	21.9		"							
Surrogate: 1-Chlorooctane	*90.5*		*"*	*100*		*90.5*	*70-130*			
Surrogate: o-Terphenyl	*47.8*		*"*	*50.0*		*95.5*	*70-130*			

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Project Number: 19-0179-04
Project Manager: Mark Larson

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1404 - TX 1005										
Calibration Check (P0A1404-CCV1)				Prepared & Analyzed: 01/14/20						
C6-C12	541	25.0	mg/kg wet	500		108	85-115			
>C12-C28	471	25.0	"	500		94.1	85-115			
Surrogate: 1-Chlorooctane	*104*		*"*	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*44.4*		*"*	*50.0*		*88.8*	*70-130*			
Calibration Check (P0A1404-CCV2)				Prepared & Analyzed: 01/14/20						
C6-C12	549	25.0	mg/kg wet	500		110	85-115			
>C12-C28	463	25.0	"	500		92.6	85-115			
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*46.3*		*"*	*50.0*		*92.5*	*70-130*			
Calibration Check (P0A1404-CCV3)				Prepared & Analyzed: 01/14/20						
C6-C12	513	25.0	mg/kg wet	500		103	85-115			
>C12-C28	446	25.0	"	500		89.2	85-115			
Surrogate: 1-Chlorooctane	*98.4*		*"*	*100*		*98.4*	*70-130*			
Surrogate: o-Terphenyl	*43.1*		*"*	*50.0*		*86.1*	*70-130*			
Matrix Spike (P0A1404-MS1)	**Source: 0A14002-06**			Prepared & Analyzed: 01/14/20						
C6-C12	1490	28.1	mg/kg dry	1120	653	74.2	75-125			QM-05
>C12-C28	2480	28.1	"	1120	2020	41.1	75-125			QM-05
Surrogate: 1-Chlorooctane	*87.4*		*"*	*112*		*77.8*	*70-130*			
Surrogate: o-Terphenyl	*61.1*		*"*	*56.2*		*109*	*70-130*			
Matrix Spike Dup (P0A1404-MSD1)	**Source: 0A14002-06**			Prepared & Analyzed: 01/14/20						
C6-C12	1380	28.1	mg/kg dry	1120	653	64.7	75-125	13.6	20	QM-05
>C12-C28	2340	28.1	"	1120	2020	28.7	75-125	35.6	20	QM-05
Surrogate: 1-Chlorooctane	*108*		*"*	*112*		*96.2*	*70-130*			
Surrogate: o-Terphenyl	*51.8*		*"*	*56.2*		*92.3*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Notes and Definitions

S-GC1	Surrogate recovery outside of control limits. A second analysis confirmed the original results..
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 1/21/2020

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

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CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 1/13/20 PAGE 1 OF 2

PO#: LAB WORK ORDER#: 0A13002

PROJECT LOCATION OR NAME: Montreal TH

LAI PROJECT #: 19-0179-04 COLLECTOR: RD

Data Reported to:

TRRP report? ☐ Yes ☒ No

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

TIME ZONE: Time zone/State: MST

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
SP-3.1	1	1/10/20	9:50	S	1				X		X X X X X	
SP-3.2	2		9:53									
SP-3.3	3		9:56									
SP-3.4	4		10:00									
SP-3.5	5		10:10									
SP-3.6	6		10:12									
SP-3.7	7		10:15									
SP-3.8	8		10:16									
SP-3.9	9		10:17									
SP-3.10	10		10:18									
SP-3.11	11		10:20									
SP-6.3	12		10:57									
SD-6.4	13		11:00									
SP-6.5	14		11:03									
SP 6.6	15		11:10									
TOTAL					15							

RELINQUISHED BY:(Signature) DATE/TIME 1/13 1252 RECEIVED BY: (Signature) Tina Bledsoe

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: DBEL

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒ 5days

LABORATORY USE ONLY:
RECEIVING TEMP: -5.1 -4.1 THERM#: CF1 C2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 4/29/2021 3:43:34 PM

Released to Imaging: 7/20/2021 2:11:28 PM

Page 284 of 766

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 1/13/20 PAGE 2 OF 9

PO#: LAB WORK ORDER#: 0A B002

PROJECT LOCATION OR NAME: Montreal TH

LAI PROJECT #: 19-0179-04 COLLECTOR: RD

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 | DIESEL - MOD 8015 | OIL - MOD 8015 | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 NaOH	ICE	UNPRESSERVED	BTEX	TRPH	GASOLINE	DIESEL	OIL	VOC	SVOC	FIELD NOTES
SP-6.7	16	1/10/20	11:11	S	1				X		X	X	X	X				
SP-6.8	17	"	11:13	"	"				"		"	"	"	"				
SP-6.9	18	"	11:14	"	"				"		"	"	"	"				
SP-6.10	19	"	11:15	"	"				"		"	"	"	"				
SP-1.1	20	"	11:41	"	"				"		"	"	"	"				
SP-2.1	21	"	11:44	"	"				"		"	"	"	"				
SP-2.2	22	"	11:46	"	"				"		"	"	"	"				

TOTAL 7

RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
	1/13/2052	Tessa Bledsoe
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒ 5days

LABORATORY USE ONLY:
RECEIVING TEMP: -5.1-4.1 CF+1 THERM#: L2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Received by OCD: 4/29/2021 3:43:34 PM

Released to Imaging: 7/20/2021 2:11:28 PM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Montreal 1H

Project Number: 19-0179-04

Location: NM

Lab Order Number: 0A16004

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-17-8

Report Date: 01/23/20

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-19.1	0A16004-01	Soil	01/14/20 11:31	01-16-2020 09:27
SP-19.2	0A16004-02	Soil	01/14/20 11:33	01-16-2020 09:27
SP-19.3	0A16004-03	Soil	01/14/20 11:35	01-16-2020 09:27
SP-19.4	0A16004-04	Soil	01/14/20 11:37	01-16-2020 09:27
SP-19.5	0A16004-05	Soil	01/14/20 11:39	01-16-2020 09:27
SP-19.6	0A16004-06	Soil	01/14/20 11:40	01-16-2020 09:27
SP-19.7	0A16004-07	Soil	01/14/20 11:42	01-16-2020 09:27
SP-19.8	0A16004-08	Soil	01/14/20 11:46	01-16-2020 09:27
SP-19.9	0A16004-09	Soil	01/14/20 11:48	01-16-2020 09:27
SP-19.10	0A16004-10	Soil	01/14/20 11:50	01-16-2020 09:27
SP-19.11	0A16004-11	Soil	01/14/20 11:53	01-16-2020 09:27
SP-19.12	0A16004-12	Soil	01/14/20 12:02	01-16-2020 09:27
SP-19.13	0A16004-13	Soil	01/14/20 12:05	01-16-2020 09:27
SP-19.14	0A16004-14	Soil	01/14/20 12:07	01-16-2020 09:27
SP-19.15	0A16004-15	Soil	01/14/20 12:08	01-16-2020 09:27
SP-19.16	0A16004-16	Soil	01/14/20 12:10	01-16-2020 09:27
SP-19.17	0A16004-17	Soil	01/14/20 12:11	01-16-2020 09:27
SP-19.18	0A16004-18	Soil	01/14/20 12:12	01-16-2020 09:27
SP-19.19	0A16004-19	Soil	01/14/20 12:13	01-16-2020 09:27
SP-19.20	0A16004-20	Soil	01/14/20 12:20	01-16-2020 09:27
SP-19.21	0A16004-21	Soil	01/14/20 12:21	01-16-2020 09:27
SP-19.22	0A16004-22	Soil	01/14/20 12:28	01-16-2020 09:27
SP-19.23	0A16004-23	Soil	01/14/20 12:30	01-16-2020 09:27
SP-17.1	0A16004-24	Soil	01/14/20 13:13	01-16-2020 09:27
SP-17.2	0A16004-25	Soil	01/14/20 13:15	01-16-2020 09:27
SP-17.3	0A16004-26	Soil	01/14/20 13:16	01-16-2020 09:27
SP-17.4	0A16004-27	Soil	01/14/20 13:18	01-16-2020 09:27
SP-17.5	0A16004-28	Soil	01/14/20 13:20	01-16-2020 09:27
SP-17.6	0A16004-29	Soil	01/14/20 13:22	01-16-2020 09:27
SP-17.7	0A16004-30	Soil	01/14/20 13:25	01-16-2020 09:27
SP-17.8	0A16004-31	Soil	01/14/20 13:26	01-16-2020 09:27
SP-17.9	0A16004-32	Soil	01/14/20 13:27	01-16-2020 09:27
SP-17.10	0A16004-33	Soil	01/14/20 13:28	01-16-2020 09:27
SP-17.11	0A16004-34	Soil	01/14/20 13:29	01-16-2020 09:27

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-17.12	0A16004-35	Soil	01/14/20 13:30	01-16-2020 09:27
SP-17.13	0A16004-36	Soil	01/14/20 13:31	01-16-2020 09:27
SP-17.14	0A16004-37	Soil	01/14/20 13:32	01-16-2020 09:27
SP-17.15	0A16004-38	Soil	01/14/20 13:34	01-16-2020 09:27
SP-17.16	0A16004-39	Soil	01/14/20 13:35	01-16-2020 09:27

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Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.1

0A16004-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**491**	1.14	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.2

0A16004-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00115	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00115	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**15.3**	1.15	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.3

0A16004-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.5 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**426**	1.09	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.4

0A16004-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.1 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**77.4**	1.02	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*84.8 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*86.7 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.5

0A16004-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00115	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00115	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.5 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**181**	1.15	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.6

0A16004-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**16.5**	1.03	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.8 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.0 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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SP-19.7

0A16004-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00104	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**66.2**	1.04	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.4 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.2 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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SP-19.8

0A16004-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**33.4**	1.01	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.0 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*87.0 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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SP-19.9

0A16004-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**178**	1.03	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.5 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.8 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-19.10

0A16004-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.8 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**558**	1.00	mg/kg dry	1	P0A2010	01/20/20	01/21/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.1 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.3 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.11

0A16004-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00105	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.3 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**490**	1.05	mg/kg dry	1	P0A2108	01/21/20	01/23/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.12

0A16004-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.8 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**209**	1.11	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.13

0A16004-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**487**	1.12	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.14

0A16004-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00115	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00115	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1120**	1.15	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.15

0A16004-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00116	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00116	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.4 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**230**	1.16	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.1	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	29.1	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.1	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.16

0A16004-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.9 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1120**	1.14	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.17

0A16004-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A1603	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.4 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0A1603*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**435**	1.12	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.18

0A16004-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*75-125*		*P0A1606*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0A1606*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**320**	1.10	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.19

0A16004-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1606*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0A1606*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**24.1**	1.11	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A1601	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0A1601*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.20

0A16004-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00116	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00116	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P0A1606*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1606*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.49**	1.16	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.1	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	29.1	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.1 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.1	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.21

0A16004-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A1606*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.8 %*	*75-125*		*P0A1606*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**28.7**	1.12	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.7 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*100 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.22

0A16004-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0A1606*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.8 %*	*75-125*		*P0A1606*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.86**	1.10	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.2 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-19.23

0A16004-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0A1606*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.4 %*	*75-125*		*P0A1606*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.82**	1.11	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.2 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-17.1

0A16004-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/16/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.7 %*	*75-125*		*P0A1606*	*01/16/20*	*01/16/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1606*	*01/16/20*	*01/16/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.25**	1.05	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.1 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-17.2

0A16004-25 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.8 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11.6**	1.03	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.8 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-17.3

0A16004-26 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Ethylbenzene	**0.00531**	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.1 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.12**	1.03	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.5 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*100 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-17.4

0A16004-27 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.9 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.12**	1.00	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	ND	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.9 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*88.4 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-17.5

0A16004-28 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**47.9**	1.03	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.2 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*100 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-17.6

0A16004-29 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.6 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**473**	1.05	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.9 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-17.7

0A16004-30 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00104	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**48.1**	1.04	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.9 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-17.8

0A16004-31 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00106	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.8 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1070**	1.06	mg/kg dry	1	P0A2110	01/21/20	01/22/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.0 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-17.9

0A16004-32 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**410**	1.05	mg/kg dry	1	P0A2108	01/21/20	01/23/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.1 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-17.10

0A16004-33 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.3 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**106**	1.05	mg/kg dry	1	P0A2108	01/21/20	01/23/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.7 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-17.11

0A16004-34 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.6 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**403**	1.03	mg/kg dry	1	P0A2108	01/21/20	01/23/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.1 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-17.12

0A16004-35 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00106	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**504**	1.06	mg/kg dry	1	P0A2108	01/21/20	01/23/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*119 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-17.13

0A16004-36 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00106	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**86.7**	1.06	mg/kg dry	1	P0A2108	01/21/20	01/23/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.1 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.9 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-17.14

0A16004-37 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0A1606	01/16/20	01/17/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P0A1606*	*01/16/20*	*01/17/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**614**	1.09	mg/kg dry	1	P0A2108	01/21/20	01/23/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.4 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

SP-17.15

0A16004-38 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00105	mg/kg dry	1	P0A1702	01/17/20	01/20/20	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0A1702	01/17/20	01/20/20	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0A1702	01/17/20	01/20/20	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0A1702	01/17/20	01/20/20	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0A1702	01/17/20	01/20/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0A1702*	*01/17/20*	*01/20/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A1702*	*01/17/20*	*01/20/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**530**	1.05	mg/kg dry	1	P0A2108	01/21/20	01/23/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0A1608	01/16/20	01/16/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.5 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0A1608*	*01/16/20*	*01/16/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/16/20	01/16/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

SP-17.16

0A16004-39 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0A1702	01/17/20	01/20/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0A1702	01/17/20	01/20/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0A1702	01/17/20	01/20/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0A1702	01/17/20	01/20/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0A1702	01/17/20	01/20/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P0A1702*	*01/17/20*	*01/20/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A1702*	*01/17/20*	*01/20/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**46.9**	1.09	mg/kg dry	1	P0A2108	01/21/20	01/23/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A1709	01/17/20	01/17/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A1608	01/16/20	01/17/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A1608	01/16/20	01/17/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A1608	01/16/20	01/17/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.9 %*	*70-130*		*P0A1608*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P0A1608*	*01/16/20*	*01/17/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/16/20	01/17/20	calc	

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Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1603 - General Preparation (GC)										
Blank (P0A1603-BLK1)				Prepared & Analyzed: 01/16/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.4*	*75-125*			
LCS (P0A1603-BS1)				Prepared & Analyzed: 01/16/20						
Benzene	0.115	0.00100	mg/kg wet	0.100		115	70-130			
Toluene	0.116	0.00100	"	0.100		116	70-130			
Ethylbenzene	0.115	0.00100	"	0.100		115	70-130			
Xylene (p/m)	0.233	0.00200	"	0.200		116	70-130			
Xylene (o)	0.104	0.00100	"	0.100		104	70-130			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
LCS Dup (P0A1603-BSD1)				Prepared & Analyzed: 01/16/20						
Benzene	0.116	0.00100	mg/kg wet	0.100		116	70-130	1.32	20	
Toluene	0.117	0.00100	"	0.100		117	70-130	0.480	20	
Ethylbenzene	0.112	0.00100	"	0.100		112	70-130	2.89	20	
Xylene (p/m)	0.230	0.00200	"	0.200		115	70-130	1.29	20	
Xylene (o)	0.106	0.00100	"	0.100		106	70-130	2.22	20	
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Calibration Blank (P0A1603-CCB1)				Prepared & Analyzed: 01/16/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.6*	*75-125*			

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Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1603 - General Preparation (GC)										
Calibration Blank (P0A1603-CCB2)				Prepared & Analyzed: 01/16/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*97.9*	*75-125*			
Calibration Blank (P0A1603-CCB3)				Prepared & Analyzed: 01/16/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.380		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.4*	*75-125*			
Calibration Check (P0A1603-CCV1)				Prepared & Analyzed: 01/16/20						
Benzene	0.105	0.00100	mg/kg wet	0.100		105	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200		106	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.120*		*96.3*	*75-125*			
Calibration Check (P0A1603-CCV2)				Prepared & Analyzed: 01/16/20						
Benzene	0.103	0.00100	mg/kg wet	0.100		103	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		107	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*107*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			

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Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1603 - General Preparation (GC)										
Calibration Check (P0A1603-CCV3)				Prepared & Analyzed: 01/16/20						
Benzene	0.105	0.00100	mg/kg wet	0.100		105	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.217	0.00200	"	0.200		109	80-120			
Xylene (o)	0.113	0.00100	"	0.100		113	80-120			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
Matrix Spike (P0A1603-MS1)		**Source: 0A15014-01**		Prepared & Analyzed: 01/16/20						
Benzene	0.111	0.00123	mg/kg dry	0.123	ND	89.8	80-120			
Toluene	0.109	0.00123	"	0.123	ND	88.3	80-120			
Ethylbenzene	0.129	0.00123	"	0.123	ND	104	80-120			
Xylene (p/m)	0.180	0.00247	"	0.247	ND	72.9	80-120			QM-07
Xylene (o)	0.113	0.00123	"	0.123	ND	91.4	80-120			
Surrogate: 1,4-Difluorobenzene	*0.155*		*"*	*0.148*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.158*		*"*	*0.148*		*106*	*75-125*			
Matrix Spike Dup (P0A1603-MSD1)		**Source: 0A15014-01**		Prepared & Analyzed: 01/16/20						
Benzene	0.108	0.00123	mg/kg dry	0.123	ND	87.7	80-120	2.41	20	
Toluene	0.106	0.00123	"	0.123	ND	85.8	80-120	2.87	20	
Ethylbenzene	0.126	0.00123	"	0.123	ND	102	80-120	2.29	20	
Xylene (p/m)	0.178	0.00247	"	0.247	ND	71.9	80-120	1.46	20	QM-07
Xylene (o)	0.109	0.00123	"	0.123	ND	88.6	80-120	3.12	20	
Surrogate: 1,4-Difluorobenzene	*0.153*		*"*	*0.148*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.153*		*"*	*0.148*		*103*	*75-125*			
Batch P0A1606 - General Preparation (GC)										
Blank (P0A1606-BLK1)				Prepared & Analyzed: 01/16/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.2*	*75-125*			

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1606 - General Preparation (GC)										
LCS (P0A1606-BS1)				Prepared & Analyzed: 01/16/20						
Benzene	0.107	0.00100	mg/kg wet	0.100		107	70-130			
Toluene	0.108	0.00100	"	0.100		108	70-130			
Ethylbenzene	0.106	0.00100	"	0.100		106	70-130			
Xylene (p/m)	0.225	0.00200	"	0.200		113	70-130			
Xylene (o)	0.115	0.00100	"	0.100		115	70-130			
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*107*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
LCS Dup (P0A1606-BSD1)				Prepared & Analyzed: 01/16/20						
Benzene	0.109	0.00100	mg/kg wet	0.100		109	70-130	1.71	20	
Toluene	0.110	0.00100	"	0.100		110	70-130	1.36	20	
Ethylbenzene	0.108	0.00100	"	0.100		108	70-130	2.42	20	
Xylene (p/m)	0.228	0.00200	"	0.200		114	70-130	1.30	20	
Xylene (o)	0.116	0.00100	"	0.100		116	70-130	0.752	20	
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Calibration Blank (P0A1606-CCB1)				Prepared & Analyzed: 01/16/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.380		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.4*	*75-125*			
Calibration Blank (P0A1606-CCB2)				Prepared: 01/16/20 Analyzed: 01/17/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.4*	*75-125*			

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Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1606 - General Preparation (GC)										
Calibration Check (P0A1606-CCV1)				Prepared & Analyzed: 01/16/20						
Benzene	0.105	0.00100	mg/kg wet	0.100		105	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.217	0.00200	"	0.200		109	80-120			
Xylene (o)	0.113	0.00100	"	0.100		113	80-120			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*75-125*			
Calibration Check (P0A1606-CCV2)				Prepared: 01/16/20 Analyzed: 01/17/20						
Benzene	0.103	0.00100	mg/kg wet	0.100		103	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.209	0.00200	"	0.200		105	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
Calibration Check (P0A1606-CCV3)				Prepared: 01/16/20 Analyzed: 01/17/20						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
Matrix Spike (P0A1606-MS1)	**Source: 0A16004-18**			Prepared: 01/16/20 Analyzed: 01/17/20						
Benzene	0.0857	0.00110	mg/kg dry	0.110	ND	78.0	80-120			QM-07
Toluene	0.0850	0.00110	"	0.110	ND	77.3	80-120			QM-07
Ethylbenzene	0.0999	0.00110	"	0.110	ND	90.9	80-120			
Xylene (p/m)	0.170	0.00220	"	0.220	ND	77.1	80-120			QM-07
Xylene (o)	0.0862	0.00110	"	0.110	ND	78.5	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.140*		*"*	*0.132*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.136*		*"*	*0.132*		*103*	*75-125*			

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Project: Montreal 1H
Project Number: 19-0179-04
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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1606 - General Preparation (GC)										
Matrix Spike Dup (P0A1606-MSD1)	**Source: 0A16004-18**			Prepared: 01/16/20 Analyzed: 01/17/20						
Benzene	0.0891	0.00110	mg/kg dry	0.110	ND	81.1	80-120	3.82	20	
Toluene	0.0863	0.00110	"	0.110	ND	78.5	80-120	1.51	20	QM-07
Ethylbenzene	0.100	0.00110	"	0.110	ND	91.4	80-120	0.516	20	
Xylene (p/m)	0.171	0.00220	"	0.220	ND	77.8	80-120	0.820	20	QM-07
Xylene (o)	0.0863	0.00110	"	0.110	ND	78.5	80-120	0.0382	20	QM-07
Surrogate: 4-Bromofluorobenzene	*0.139*		*"*	*0.132*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.136*		*"*	*0.132*		*103*	*75-125*			
Batch P0A1702 - General Preparation (GC)										
Blank (P0A1702-BLK1)				Prepared & Analyzed: 01/17/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*98.9*	*75-125*			
LCS (P0A1702-BS1)				Prepared & Analyzed: 01/17/20						
Benzene	0.114	0.00100	mg/kg wet	0.100		114	70-130			
Toluene	0.118	0.00100	"	0.100		118	70-130			
Ethylbenzene	0.115	0.00100	"	0.100		115	70-130			
Xylene (p/m)	0.231	0.00200	"	0.200		116	70-130			
Xylene (o)	0.105	0.00100	"	0.100		105	70-130			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1702 - General Preparation (GC)										
LCS Dup (P0A1702-BSD1)				Prepared & Analyzed: 01/17/20						
Benzene	0.116	0.00100	mg/kg wet	0.100		116	70-130	1.73	20	
Toluene	0.116	0.00100	"	0.100		116	70-130	1.07	20	
Ethylbenzene	0.113	0.00100	"	0.100		113	70-130	1.26	20	
Xylene (p/m)	0.229	0.00200	"	0.200		115	70-130	0.846	20	
Xylene (o)	0.106	0.00100	"	0.100		106	70-130	0.598	20	
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*75-125*			
Calibration Blank (P0A1702-CCB1)				Prepared & Analyzed: 01/17/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.5*	*75-125*			
Calibration Blank (P0A1702-CCB2)				Prepared & Analyzed: 01/17/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Calibration Blank (P0A1702-CCB3)				Prepared & Analyzed: 01/17/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*98.9*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.6*	*75-125*			

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Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1702 - General Preparation (GC)										
Calibration Check (P0A1702-CCV1)				Prepared & Analyzed: 01/17/20						
Benzene	0.109	0.00100	mg/kg wet	0.100		109	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.221	0.00200	"	0.200		110	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Calibration Check (P0A1702-CCV2)				Prepared & Analyzed: 01/17/20						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.209	0.00200	"	0.200		105	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			
Calibration Check (P0A1702-CCV3)				Prepared & Analyzed: 01/17/20						
Benzene	0.100	0.00100	mg/kg wet	0.100		100	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
Matrix Spike (P0A1702-MS1)	**Source: 0A17001-01**			Prepared & Analyzed: 01/17/20						
Benzene	0.0897	0.00106	mg/kg dry	0.106	0.00589	78.8	80-120			QM-07
Toluene	0.0911	0.00106	"	0.106	0.0118	74.6	80-120			QM-07
Ethylbenzene	0.105	0.00106	"	0.106	ND	98.7	80-120			
Xylene (p/m)	0.182	0.00213	"	0.213	0.0196	76.3	80-120			QM-07
Xylene (o)	0.0859	0.00106	"	0.106	0.00357	77.4	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.128*		*99.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.135*		*"*	*0.128*		*105*	*75-125*			

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Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1709 - * DEFAULT PREP *** **										
Blank (P0A1709-BLK1)				Prepared & Analyzed: 01/17/20						
% Moisture	ND	0.1	%							
Duplicate (P0A1709-DUP1)		**Source: 0A15004-73**		Prepared & Analyzed: 01/17/20						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P0A1709-DUP2)		**Source: 0A15004-46**		Prepared & Analyzed: 01/17/20						
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P0A1709-DUP3)		**Source: 0A15005-19**		Prepared & Analyzed: 01/17/20						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P0A1709-DUP4)		**Source: 0A15007-08**		Prepared & Analyzed: 01/17/20						
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P0A1709-DUP5)		**Source: 0A15010-06**		Prepared & Analyzed: 01/17/20						
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P0A1709-DUP6)		**Source: 0A16004-39**		Prepared & Analyzed: 01/17/20						
% Moisture	8.0	0.1	%		8.0			0.00	20	
Duplicate (P0A1709-DUP7)		**Source: 0A16011-01**		Prepared & Analyzed: 01/17/20						
% Moisture	3.0	0.1	%		4.0			28.6	20	
Batch P0A2010 - * DEFAULT PREP *** **										
Blank (P0A2010-BLK1)				Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	ND	1.00	mg/kg wet							

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2010 - * DEFAULT PREP *** **										
LCS (P0A2010-BS1)				Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	416	1.00	mg/kg wet	400		104	80-120			
Calibration Blank (P0A2010-CCB2)				Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0A2010-CCV1)				Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	20.6		mg/kg	20.0		103	0-200			
Calibration Check (P0A2010-CCV2)				Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	20.4		mg/kg	20.0		102	0-200			
Matrix Spike (P0A2010-MS1)		**Source: 0A15005-21**		Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	435	1.02	mg/kg dry	408	10.8	104	80-120			
Matrix Spike (P0A2010-MS2)		**Source: 0A16004-10**		Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	969	1.00	mg/kg dry	400	558	103	80-120			
Matrix Spike Dup (P0A2010-MSD1)		**Source: 0A15005-21**		Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	434	1.02	mg/kg dry	408	10.8	104	80-120	0.380	20	
Matrix Spike Dup (P0A2010-MSD2)		**Source: 0A16004-10**		Prepared: 01/20/20 Analyzed: 01/21/20						
Chloride	989	1.00	mg/kg dry	400	558	108	80-120	2.04	20	
Batch P0A2108 - * DEFAULT PREP *** **										
Blank (P0A2108-BLK1)				Prepared: 01/21/20 Analyzed: 01/23/20						
Chloride	ND	1.00	mg/kg wet							

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2108 - * DEFAULT PREP *** **										
LCS (P0A2108-BS1)				Prepared: 01/21/20 Analyzed: 01/22/20						
Chloride	410	1.00	mg/kg wet	400		102	80-120			
LCS Dup (P0A2108-BSD1)				Prepared: 01/21/20 Analyzed: 01/23/20						
Chloride	417	1.00	mg/kg wet	400		104	80-120	1.84	20	
Calibration Blank (P0A2108-CCB1)				Prepared: 01/21/20 Analyzed: 01/22/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0A2108-CCB2)				Prepared: 01/21/20 Analyzed: 01/23/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0A2108-CCV1)				Prepared: 01/21/20 Analyzed: 01/22/20						
Chloride	20.9		mg/kg	20.0		104	0-200			
Calibration Check (P0A2108-CCV2)				Prepared: 01/21/20 Analyzed: 01/23/20						
Chloride	20.1		mg/kg	20.0		100	0-200			
Matrix Spike (P0A2108-MS1)		**Source: 0A16004-32**		Prepared: 01/21/20 Analyzed: 01/23/20						
Chloride	788	1.05	mg/kg dry	421	410	89.9	80-120			
Matrix Spike (P0A2108-MS2)		**Source: 0A20006-39**		Prepared: 01/21/20 Analyzed: 01/23/20						
Chloride	1360	5.62	mg/kg dry	449	976	86.1	80-120			
Matrix Spike Dup (P0A2108-MSD1)		**Source: 0A16004-32**		Prepared: 01/21/20 Analyzed: 01/23/20						
Chloride	799	1.05	mg/kg dry	421	410	92.5	80-120	1.36	20	
Matrix Spike Dup (P0A2108-MSD2)		**Source: 0A20006-39**		Prepared: 01/21/20 Analyzed: 01/23/20						
Chloride	1380	5.62	mg/kg dry	449	976	90.2	80-120	1.33	20	

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2110 - * DEFAULT PREP *** **										
Blank (P0A2110-BLK1)				Prepared: 01/21/20 Analyzed: 01/22/20						
Chloride	ND	1.00	mg/kg wet							
LCS (P0A2110-BS1)				Prepared: 01/21/20 Analyzed: 01/22/20						
Chloride	392	1.00	mg/kg wet	400		98.1	80-120			
LCS Dup (P0A2110-BSD1)				Prepared: 01/21/20 Analyzed: 01/22/20						
Chloride	405	1.00	mg/kg wet	400		101	80-120	3.22	20	
Matrix Spike (P0A2110-MS1)		**Source: 0A16004-12**		Prepared: 01/21/20 Analyzed: 01/22/20						
Chloride	836	1.11	mg/kg dry	444	209	141	80-120			QM-05
Matrix Spike (P0A2110-MS2)		**Source: 0A16004-22**		Prepared: 01/21/20 Analyzed: 01/22/20						
Chloride	486	1.10	mg/kg dry	440	6.86	109	80-120			
Matrix Spike Dup (P0A2110-MSD1)		**Source: 0A16004-12**		Prepared: 01/21/20 Analyzed: 01/22/20						
Chloride	764	1.11	mg/kg dry	444	209	125	80-120	9.04	20	QM-05
Matrix Spike Dup (P0A2110-MSD2)		**Source: 0A16004-22**		Prepared: 01/21/20 Analyzed: 01/22/20						
Chloride	334	1.10	mg/kg dry	440	6.86	74.3	80-120	37.3	20	QM-05

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Project: Montreal 1H
Project Number: 19-0179-04
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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1601 - TX 1005										
Blank (P0A1601-BLK1)				Prepared & Analyzed: 01/16/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*102*		*"*	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*47.7*		*"*	*50.0*		*95.3*	*70-130*			
LCS (P0A1601-BS1)				Prepared & Analyzed: 01/16/20						
C6-C12	1100	25.0	mg/kg wet	1000		110	75-125			
>C12-C28	1180	25.0	"	1000		118	75-125			
Surrogate: 1-Chlorooctane	*116*		*"*	*100*		*116*	*70-130*			
Surrogate: o-Terphenyl	*46.8*		*"*	*50.0*		*93.6*	*70-130*			
LCS Dup (P0A1601-BSD1)				Prepared & Analyzed: 01/16/20						
C6-C12	1030	25.0	mg/kg wet	1000		103	75-125	6.22	20	
>C12-C28	1070	25.0	"	1000		107	75-125	9.52	20	
Surrogate: 1-Chlorooctane	*104*		*"*	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*43.3*		*"*	*50.0*		*86.7*	*70-130*			
Calibration Blank (P0A1601-CCB1)				Prepared & Analyzed: 01/16/20						
C6-C12	16.5		mg/kg wet							
>C12-C28	4.39		"							
Surrogate: 1-Chlorooctane	*99.9*		*"*	*100*		*99.9*	*70-130*			
Surrogate: o-Terphenyl	*49.6*		*"*	*50.0*		*99.1*	*70-130*			
Calibration Blank (P0A1601-CCB2)				Prepared & Analyzed: 01/16/20						
C6-C12	17.6		mg/kg wet							
>C12-C28	3.13		"							
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*51.2*		*"*	*50.0*		*102*	*70-130*			

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Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1601 - TX 1005										
Calibration Check (P0A1601-CCV1)				Prepared & Analyzed: 01/16/20						
C6-C12	563	25.0	mg/kg wet	500		113	85-115			
>C12-C28	492	25.0	"	500		98.4	85-115			
Surrogate: 1-Chlorooctane	*114*		*"*	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*49.5*		*"*	*50.0*		*99.1*	*70-130*			
Calibration Check (P0A1601-CCV2)				Prepared & Analyzed: 01/16/20						
C6-C12	572	25.0	mg/kg wet	500		114	85-115			
>C12-C28	480	25.0	"	500		96.0	85-115			
Surrogate: 1-Chlorooctane	*116*		*"*	*100*		*116*	*70-130*			
Surrogate: o-Terphenyl	*50.6*		*"*	*50.0*		*101*	*70-130*			
Matrix Spike (P0A1601-MS1)	**Source: 0A15014-01**			Prepared & Analyzed: 01/16/20						
C6-C12	1430	30.9	mg/kg dry	1230	17.3	114	75-125			
>C12-C28	1420	30.9	"	1230	26.6	113	75-125			
Surrogate: 1-Chlorooctane	*125*		*"*	*123*		*101*	*70-130*			
Surrogate: o-Terphenyl	*58.4*		*"*	*61.7*		*94.6*	*70-130*			
Matrix Spike Dup (P0A1601-MSD1)	**Source: 0A15014-01**			Prepared & Analyzed: 01/16/20						
C6-C12	1470	30.9	mg/kg dry	1230	17.3	118	75-125	2.97	20	
>C12-C28	1450	30.9	"	1230	26.6	115	75-125	1.63	20	
Surrogate: 1-Chlorooctane	*147*		*"*	*123*		*119*	*70-130*			
Surrogate: o-Terphenyl	*59.2*		*"*	*61.7*		*96.0*	*70-130*			
Batch P0A1608 - TX 1005										
Blank (P0A1608-BLK1)				Prepared & Analyzed: 01/16/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*93.2*		*"*	*100*		*93.2*	*70-130*			
Surrogate: o-Terphenyl	*48.9*		*"*	*50.0*		*97.8*	*70-130*			

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Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1608 - TX 1005										
LCS (P0A1608-BS1)				Prepared & Analyzed: 01/16/20						
C6-C12	907	25.0	mg/kg wet	1000		90.7	75-125			
>C12-C28	824	25.0	"	1000		82.4	75-125			
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*42.8*		*"*	*50.0*		*85.6*	*70-130*			
LCS Dup (P0A1608-BSD1)				Prepared & Analyzed: 01/16/20						
C6-C12	915	25.0	mg/kg wet	1000		91.5	75-125	0.804	20	
>C12-C28	830	25.0	"	1000		83.0	75-125	0.755	20	
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*43.2*		*"*	*50.0*		*86.5*	*70-130*			
Calibration Blank (P0A1608-CCB1)				Prepared & Analyzed: 01/16/20						
C6-C12	16.2		mg/kg wet							
>C12-C28	9.29		"							
Surrogate: 1-Chlorooctane	*91.6*		*"*	*100*		*91.6*	*70-130*			
Surrogate: o-Terphenyl	*48.7*		*"*	*50.0*		*97.4*	*70-130*			
Calibration Blank (P0A1608-CCB2)				Prepared & Analyzed: 01/16/20						
C6-C12	17.8		mg/kg wet							
>C12-C28	8.83		"							
Surrogate: 1-Chlorooctane	*99.9*		*"*	*100*		*99.9*	*70-130*			
Surrogate: o-Terphenyl	*53.2*		*"*	*50.0*		*106*	*70-130*			
Calibration Check (P0A1608-CCV1)				Prepared & Analyzed: 01/16/20						
C6-C12	488	25.0	mg/kg wet	500		97.6	85-115			
>C12-C28	437	25.0	"	500		87.5	85-115			
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*46.4*		*"*	*50.0*		*92.7*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A1608 - TX 1005										
Calibration Check (P0A1608-CCV2)				Prepared & Analyzed: 01/16/20						
C6-C12	522	25.0	mg/kg wet	500		104	85-115			
>C12-C28	459	25.0	"	500		91.7	85-115			
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*48.6*		*"*	*50.0*		*97.1*	*70-130*			
Calibration Check (P0A1608-CCV3)				Prepared: 01/16/20 Analyzed: 01/17/20						
C6-C12	498	25.0	mg/kg wet	500		99.6	85-115			
>C12-C28	461	25.0	"	500		92.3	85-115			
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*47.5*		*"*	*50.0*		*95.1*	*70-130*			
Matrix Spike (P0A1608-MS1)	**Source: 0A16004-39**			Prepared: 01/16/20 Analyzed: 01/17/20						
C6-C12	1210	27.2	mg/kg dry	1090	17.2	110	75-125			
>C12-C28	1060	27.2	"	1090	11.1	96.4	75-125			
Surrogate: 1-Chlorooctane	*106*		*"*	*109*		*97.2*	*70-130*			
Surrogate: o-Terphenyl	*57.1*		*"*	*54.3*		*105*	*70-130*			
Matrix Spike Dup (P0A1608-MSD1)	**Source: 0A16004-39**			Prepared: 01/16/20 Analyzed: 01/17/20						
C6-C12	1190	27.2	mg/kg dry	1090	17.2	108	75-125	1.62	20	
>C12-C28	1060	27.2	"	1090	11.1	96.7	75-125	0.391	20	
Surrogate: 1-Chlorooctane	*105*		*"*	*109*		*97.0*	*70-130*			
Surrogate: o-Terphenyl	*59.3*		*"*	*54.3*		*109*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Notes and Definitions

ROI	Received on Ice
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 1/23/2020

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

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Nº 0944

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 1/16/2020 PAGE 1 OF 3

PO#: _____ LAB WORK ORDER#: 0A16004

PROJECT LOCATION OR NAME: Montreal 1H

LAI PROJECT #: 19-0179-04 COLLECTOR: RD

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☐ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ | TPH 1006 ☐ | GASOLINE MOD 8015 ☐ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ | PAH 8270 ☐ | HOLDPAH ☐ | 8081 PESTICIDES ☐ | 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ | TCLP - PEST ☐ | HERB ☐ | TCLP VOC ☐ | TOTAL METALS (RCRA) ☐ | Semi-VOC ☐ | LEAD - TOTAL ☐ | D.W. 200.8 ☐ | OTHER LIST ☐ | RCI ☐ | TOX ☐ | FLASHPOINT ☐ | TCLP ☐ | TDS ☐ | TSS ☐ | % MOISTURE ☐ | pH ☐ | HEXAVALENT CHROMIUM ☐ | CYANIDE ☐ | EXPLOSIVES ☐ | PECHLORATE ☐ | CHLORIDE ☒ | ANIONS ☐ | ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 NaOH	ICE	UNPRESSERVED	BTEX	TRPH	GASOLINE MOD 8015	DIESEL - MOD 8015	OIL - MOD 8015	VOC 8260	CHLORIDE	FIELD NOTES
SP-19.1	1	1/14/20	11:31	S	1				X		X	X	X	X	X			
SP-19.2	2		11:33															
SP-19.3	3		1135															
SP-19.4	4		11:37															
SP-19.5	5		11:39															
SP-19.6	6		11:40															
SP-19.7	7		11:42															
SP-19.8	8		11:46															
SP-19.9	9		11:48															
SP-19.10	10		11:50															
SP-19.11	11		11:53															
SP-19.12	12		12:02															
SP-19.13	13		12:05															
SP-19.14	14		12:07															
SP-19.15	15		12:08														X	
TOTAL	15																	

RELINQUISHED BY:(Signature) DATE/TIME 9:29 1/16/20 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature) 9:29 1-16-20

LABORATORY: PDEL

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER 4 day

LABORATORY USE ONLY:
RECEIVING TEMP: -2.7 +1.0 -1.7 THERM#: _____
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☒ HAND DELIVERED

Received by OCD: 4/29/2021 3:43:34 PM

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№ 0945

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 1/16/20 PAGE 2 OF 3

PO#: LAB WORK ORDER#: 0A16004

PROJECT LOCATION OR NAME: Montreal 17H

LAI PROJECT #: 19-0179-04 COLLECTOR: RO

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
SP-19.16	16	1/14/20	12:10	S	1				X		X			X	X	X													X	
SP-19.17	17		12:11																											
SP-19.18	18		12:12																											
SP-19.19	19		12:13																											
SP-19.20	20		12:20																											
SP-19.21	21		12:21																											
SP-19.22	22		12:28																											
SP-19.23	23		12:30																											
SP-17.1	24		13:13																											
SP-17.2	25		13:15																											
SP-17.3	26		13:16																											
SP-17.4	27		13:18																											
SP-17.5	28		13:20																											
SP-17.6	29		13:22																											
SP-17.7	30		13:25																											
TOTAL																														

RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
	9:29 1/16/20	
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
		9:29 1-16-20

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒ 4day

LABORATORY USE ONLY:
RECEIVING TEMP: -2.7 +1.0 -1.7 THERM#:
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

Reviewed by OCD: 4/29/2021 3:43:34 PM

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Page 347 of 766

№ 0946

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 1/16/20 PAGE 3 OF 3

PO#: LAB WORK ORDER#: 0A16084

PROJECT LOCATION OR NAME: Montreal 17

LAI PROJECT #: 19-0179-04 COLLECTOR: RO

Data Reported to:

TRRP report? ☐ Yes ☒ No

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

TIME ZONE: Time zone/State: MST

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
SP-17.8	31	1/14/20	13:26	S	1				X		X			X	X	X													X	
SP-17.9	32		13:27																											
SP-17.10	33		13:28																											
SP-17.11	34		13:29																											
SP-17.12	35		13:30																											
SP-17.13	36		13:31																											
SP-17.14	37		13:32																											
SP-17.15	38		13:34																											
SP-17.16	39		13:35																											
TOTAL	9																													

RELINQUISHED BY:(Signature) DATE/TIME 9:29 1/16/20 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature) 9:29 1620

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒ 4days

LABORATORY USE ONLY:
RECEIVING TEMP: -2.1 +1.0 -1.7 THERM#:
CUSTODY SEALS - ☐ BROKEN ☑ INTACT ☐ NOT USED
☐ CARRIER BILL #
☑ HAND DELIVERED

Reviewed by OCD: 4/29/2021 3:43:34 PM

Released to Imaging: 7/20/2021 2:11:28 PM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Select Energy Montreal 1H

Project Number: 19-0179-04

Location: NM

Lab Order Number: 0A22003

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-17-8

Report Date: 01/24/20

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
11.8	0A22003-01	Soil	01/21/20 12:30	01-22-2020 10:43
11.9	0A22003-02	Soil	01/21/20 12:31	01-22-2020 10:43
11.10	0A22003-03	Soil	01/21/20 12:32	01-22-2020 10:43
15.1	0A22003-04	Soil	01/21/20 13:10	01-22-2020 10:43
15.5	0A22003-05	Soil	01/21/20 13:15	01-22-2020 10:43
13.1	0A22003-06	Soil	01/21/20 13:20	01-22-2020 10:43
12.3	0A22003-07	Soil	01/21/20 14:16	01-22-2020 10:43
12.4	0A22003-08	Soil	01/21/20 14:15	01-22-2020 10:43
12.5	0A22003-09	Soil	01/21/20 14:00	01-22-2020 10:43
12.6	0A22003-10	Soil	01/21/20 13:52	01-22-2020 10:43
12.7	0A22003-11	Soil	01/21/20 13:51	01-22-2020 10:43
12.8	0A22003-12	Soil	01/21/20 13:50	01-22-2020 10:43
12.9	0A22003-13	Soil	01/21/20 13:49	01-22-2020 10:43
12.10	0A22003-14	Soil	01/21/20 13:48	01-22-2020 10:43
12.11	0A22003-15	Soil	01/21/20 13:47	01-22-2020 10:43
12.12	0A22003-16	Soil	01/21/20 13:46	01-22-2020 10:43
12.13	0A22003-17	Soil	01/21/20 13:45	01-22-2020 10:43
12.14	0A22003-18	Soil	01/21/20 13:44	01-22-2020 10:43
12.15	0A22003-19	Soil	01/21/20 13:43	01-22-2020 10:43
12.16	0A22003-20	Soil	01/21/20 13:42	01-22-2020 10:43
12.17	0A22003-21	Soil	01/21/20 13:41	01-22-2020 10:43
12.18	0A22003-22	Soil	01/21/20 13:40	01-22-2020 10:43
12.19	0A22003-23	Soil	01/21/20 13:39	01-22-2020 10:43
12.20	0A22003-24	Soil	01/21/20 13:38	01-22-2020 10:43

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

11.8

0A22003-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.6 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**23.1**	1.12	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A2209	01/22/20	01/22/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A2209	01/22/20	01/22/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A2209	01/22/20	01/22/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.0 %*	*70-130*		*P0A2209*	*01/22/20*	*01/22/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P0A2209*	*01/22/20*	*01/22/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/22/20	01/22/20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

11.9

0A22003-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.4 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.3**	1.09	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A2209	01/22/20	01/22/20	TPH 8015M	
>C12-C28	**40.1**	27.2	mg/kg dry	1	P0A2209	01/22/20	01/22/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A2209	01/22/20	01/22/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P0A2209*	*01/22/20*	*01/22/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*117 %*	*70-130*		*P0A2209*	*01/22/20*	*01/22/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**40.1**	27.2	mg/kg dry	1	[CALC]	01/22/20	01/22/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

11.10

0A22003-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.8 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**16.9**	1.11	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A2209	01/22/20	01/22/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A2209	01/22/20	01/22/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A2209	01/22/20	01/22/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P0A2209*	*01/22/20*	*01/22/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P0A2209*	*01/22/20*	*01/22/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/22/20	01/22/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

15.1

0A22003-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00104	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.8 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.7**	1.04	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.7 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

15.5

0A22003-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00106	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.3 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.7**	1.06	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*129 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

13.1

0A22003-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.4 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**23.8**	1.08	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

12.3

0A22003-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00116	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Toluene	ND	0.00116	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.2 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**28.4**	1.16	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.1	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	29.1	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.1	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.4

0A22003-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.8 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**360**	1.11	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.8 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.5

0A22003-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**292**	1.12	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.2 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.6

0A22003-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**17.0**	1.09	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*125 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.7

0A22003-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**501**	1.09	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.8

0A22003-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.4 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**691**	1.11	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.9

0A22003-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0A2204	01/22/20	01/23/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.4 %*	*75-125*		*P0A2204*	*01/22/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**803**	1.09	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.1 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.10

0A22003-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**415**	1.12	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.11

0A22003-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.9 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**91.8**	1.14	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.6 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.4 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.12

0A22003-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00104	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.2 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2210**	5.21	mg/kg dry	5	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.4 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.13

0A22003-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3710**	5.15	mg/kg dry	5	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.7 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.14

0A22003-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.5 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**553**	1.08	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.4 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

12.15

0A22003-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.7 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**478**	1.10	mg/kg dry	1	P0A2212	01/22/20	01/23/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.16

0A22003-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**341**	1.10	mg/kg dry	1	P0A2302	01/23/20	01/23/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A2209	01/22/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P0A2209*	*01/22/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/22/20	01/23/20	calc	

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.17

0A22003-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.9 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**188**	1.09	mg/kg dry	1	P0A2302	01/23/20	01/23/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A2305	01/23/20	01/23/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A2305	01/23/20	01/23/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A2305	01/23/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.7 %*	*70-130*		*P0A2305*	*01/23/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0A2305*	*01/23/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/23/20	01/23/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.18

0A22003-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P0A2303	01/23/20	01/23/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A2303*	*01/23/20*	*01/23/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**140**	1.14	mg/kg dry	1	P0A2302	01/23/20	01/23/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0A2305	01/23/20	01/23/20	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P0A2305	01/23/20	01/23/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0A2305	01/23/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.1 %*	*70-130*		*P0A2305*	*01/23/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P0A2305*	*01/23/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	01/23/20	01/23/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.19

0A22003-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00118	mg/kg dry	1	P0A2304	01/23/20	01/24/20	EPA 8021B	
Toluene	ND	0.00118	mg/kg dry	1	P0A2304	01/23/20	01/24/20	EPA 8021B	
Ethylbenzene	ND	0.00118	mg/kg dry	1	P0A2304	01/23/20	01/24/20	EPA 8021B	
Xylene (p/m)	ND	0.00235	mg/kg dry	1	P0A2304	01/23/20	01/24/20	EPA 8021B	
Xylene (o)	ND	0.00118	mg/kg dry	1	P0A2304	01/23/20	01/24/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*75-125*		*P0A2304*	*01/23/20*	*01/24/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.3 %*	*75-125*		*P0A2304*	*01/23/20*	*01/24/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**182**	1.18	mg/kg dry	1	P0A2302	01/23/20	01/23/20	EPA 300.0	
% Moisture	**15.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.4	mg/kg dry	1	P0A2305	01/23/20	01/23/20	TPH 8015M	
>C12-C28	ND	29.4	mg/kg dry	1	P0A2305	01/23/20	01/23/20	TPH 8015M	
>C28-C35	ND	29.4	mg/kg dry	1	P0A2305	01/23/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.9 %*	*70-130*		*P0A2305*	*01/23/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P0A2305*	*01/23/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.4	mg/kg dry	1	[CALC]	01/23/20	01/23/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

12.20

0A22003-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00104	mg/kg dry	1	P0A2304	01/23/20	01/24/20	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P0A2304	01/23/20	01/24/20	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P0A2304	01/23/20	01/24/20	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P0A2304	01/23/20	01/24/20	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P0A2304	01/23/20	01/24/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0A2304*	*01/23/20*	*01/24/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.5 %*	*75-125*		*P0A2304*	*01/23/20*	*01/24/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2310**	5.21	mg/kg dry	5	P0A2302	01/23/20	01/23/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0A2301	01/23/20	01/23/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0A2305	01/23/20	01/23/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0A2305	01/23/20	01/23/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0A2305	01/23/20	01/23/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.0 %*	*70-130*		*P0A2305*	*01/23/20*	*01/23/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0A2305*	*01/23/20*	*01/23/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	01/23/20	01/23/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2204 - General Preparation (GC)										
Blank (P0A2204-BLK1)				Prepared & Analyzed: 01/22/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
LCS (P0A2204-BS1)				Prepared & Analyzed: 01/22/20						
Benzene	0.113	0.00100	mg/kg wet	0.100		113	70-130			
Toluene	0.108	0.00100	"	0.100		108	70-130			
Ethylbenzene	0.102	0.00100	"	0.100		102	70-130			
Xylene (p/m)	0.227	0.00200	"	0.200		114	70-130			
Xylene (o)	0.118	0.00100	"	0.100		118	70-130			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
LCS Dup (P0A2204-BSD1)				Prepared & Analyzed: 01/22/20						
Benzene	0.113	0.00100	mg/kg wet	0.100		113	70-130	0.309	20	
Toluene	0.108	0.00100	"	0.100		108	70-130	0.481	20	
Ethylbenzene	0.103	0.00100	"	0.100		103	70-130	1.55	20	
Xylene (p/m)	0.229	0.00200	"	0.200		114	70-130	0.764	20	
Xylene (o)	0.117	0.00100	"	0.100		117	70-130	0.648	20	
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Calibration Blank (P0A2204-CCB1)				Prepared & Analyzed: 01/22/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			

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Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2204 - General Preparation (GC)										
Calibration Blank (P0A2204-CCB2)				Prepared: 01/22/20 Analyzed: 01/23/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
Calibration Check (P0A2204-CCV1)				Prepared & Analyzed: 01/22/20						
Benzene	0.114	0.00100	mg/kg wet	0.100		114	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200		111	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
Calibration Check (P0A2204-CCV2)				Prepared: 01/22/20 Analyzed: 01/23/20						
Benzene	0.106	0.00100	mg/kg wet	0.100		106	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		106	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
Matrix Spike (P0A2204-MS1)		**Source: 0A20006-40**		Prepared: 01/22/20 Analyzed: 01/23/20						
Benzene	0.0904	0.00112	mg/kg dry	0.112	ND	80.5	80-120			
Toluene	0.0849	0.00112	"	0.112	ND	75.5	80-120			QM-05
Ethylbenzene	0.101	0.00112	"	0.112	ND	89.8	80-120			
Xylene (p/m)	0.175	0.00225	"	0.225	ND	78.1	80-120			QM-05
Xylene (o)	0.0921	0.00112	"	0.112	ND	82.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.145*		*"*	*0.135*		*107*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.136*		*"*	*0.135*		*101*	*75-125*			

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2204 - General Preparation (GC)										
Matrix Spike Dup (P0A2204-MSD1)	**Source: 0A20006-40**			Prepared: 01/22/20 Analyzed: 01/23/20						
Benzene	0.0907	0.00112	mg/kg dry	0.112	ND	80.7	80-120	0.298	20	
Toluene	0.0889	0.00112	"	0.112	ND	79.1	80-120	4.68	20	QM-05
Ethylbenzene	0.105	0.00112	"	0.112	ND	93.6	80-120	4.07	20	
Xylene (p/m)	0.181	0.00225	"	0.225	ND	80.6	80-120	3.22	20	
Xylene (o)	0.0872	0.00112	"	0.112	ND	77.6	80-120	5.51	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.135*		*"*	*0.135*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.140*		*"*	*0.135*		*104*	*75-125*			
Batch P0A2303 - General Preparation (GC)										
Blank (P0A2303-BLK1)				Prepared & Analyzed: 01/23/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
LCS (P0A2303-BS1)				Prepared & Analyzed: 01/23/20						
Benzene	0.103	0.00100	mg/kg wet	0.100		103	70-130			
Toluene	0.104	0.00100	"	0.100		104	70-130			
Ethylbenzene	0.102	0.00100	"	0.100		102	70-130			
Xylene (p/m)	0.225	0.00200	"	0.200		112	70-130			
Xylene (o)	0.113	0.00100	"	0.100		113	70-130			
Surrogate: 4-Bromofluorobenzene	*0.130*		*"*	*0.120*		*108*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2303 - General Preparation (GC)										
LCS Dup (P0A2303-BSD1)				Prepared & Analyzed: 01/23/20						
Benzene	0.109	0.00100	mg/kg wet	0.100		109	70-130	5.78	20	
Toluene	0.113	0.00100	"	0.100		113	70-130	8.22	20	
Ethylbenzene	0.108	0.00100	"	0.100		108	70-130	5.78	20	
Xylene (p/m)	0.223	0.00200	"	0.200		111	70-130	0.791	20	
Xylene (o)	0.106	0.00100	"	0.100		106	70-130	6.30	20	
Surrogate: 4-Bromofluorobenzene	*0.129*		*"*	*0.120*		*107*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Calibration Blank (P0A2303-CCB1)				Prepared & Analyzed: 01/23/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.2*	*75-125*			
Calibration Blank (P0A2303-CCB2)				Prepared & Analyzed: 01/23/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.9*	*75-125*			
Calibration Blank (P0A2303-CCB3)				Prepared & Analyzed: 01/23/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.5*	*75-125*			

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Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2303 - General Preparation (GC)										
Calibration Check (P0A2303-CCV1)				Prepared & Analyzed: 01/23/20						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200		111	80-120			
Xylene (o)	0.113	0.00100	"	0.100		113	80-120			
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*103*	*75-125*			
Calibration Check (P0A2303-CCV2)				Prepared & Analyzed: 01/23/20						
Benzene	0.108	0.00100	mg/kg wet	0.100		108	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Calibration Check (P0A2303-CCV3)				Prepared & Analyzed: 01/23/20						
Benzene	0.104	0.00100	mg/kg wet	0.100		104	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Matrix Spike (P0A2303-MS1)		**Source: 0A23004-01**		Prepared & Analyzed: 01/23/20						
Benzene	0.0895	0.00104	mg/kg dry	0.104	ND	85.9	80-120			
Toluene	0.0805	0.00104	"	0.104	ND	77.3	80-120			QM-07
Ethylbenzene	0.0927	0.00104	"	0.104	ND	89.0	80-120			
Xylene (p/m)	0.162	0.00208	"	0.208	ND	78.0	80-120			QM-07
Xylene (o)	0.0855	0.00104	"	0.104	ND	82.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.125*		*97.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.125*		*96.2*	*75-125*			

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Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2303 - General Preparation (GC)										
Matrix Spike Dup (P0A2303-MSD1)	**Source: 0A23004-01**			Prepared & Analyzed: 01/23/20						
Benzene	0.0868	0.00104	mg/kg dry	0.104	ND	83.3	80-120	3.06	20	
Toluene	0.0800	0.00104	"	0.104	ND	76.8	80-120	0.662	20	QM-07
Ethylbenzene	0.0926	0.00104	"	0.104	ND	88.9	80-120	0.0787	20	
Xylene (p/m)	0.161	0.00208	"	0.208	ND	77.3	80-120	0.915	20	QM-07
Xylene (o)	0.0798	0.00104	"	0.104	ND	76.6	80-120	6.90	20	QM-07
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.125*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.125*		*100*	*75-125*			
Batch P0A2304 - General Preparation (GC)										
Blank (P0A2304-BLK1)				Prepared: 01/23/20 Analyzed: 01/24/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*98.9*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.8*	*75-125*			
LCS (P0A2304-BS1)				Prepared & Analyzed: 01/23/20						
Benzene	0.109	0.00100	mg/kg wet	0.100		109	70-130			
Toluene	0.105	0.00100	"	0.100		105	70-130			
Ethylbenzene	0.101	0.00100	"	0.100		101	70-130			
Xylene (p/m)	0.226	0.00200	"	0.200		113	70-130			
Xylene (o)	0.104	0.00100	"	0.100		104	70-130			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			

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Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2304 - General Preparation (GC)										
LCS Dup (P0A2304-BSD1)				Prepared & Analyzed: 01/23/20						
Benzene	0.109	0.00100	mg/kg wet	0.100		109	70-130	0.725	20	
Toluene	0.104	0.00100	"	0.100		104	70-130	1.00	20	
Ethylbenzene	0.103	0.00100	"	0.100		103	70-130	1.89	20	
Xylene (p/m)	0.222	0.00200	"	0.200		111	70-130	1.80	20	
Xylene (o)	0.115	0.00100	"	0.100		115	70-130	10.0	20	
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Calibration Blank (P0A2304-CCB1)				Prepared & Analyzed: 01/23/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Calibration Blank (P0A2304-CCB2)				Prepared: 01/23/20 Analyzed: 01/24/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.108*		*"*	*0.120*		*90.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.0*	*75-125*			
Calibration Check (P0A2304-CCV1)				Prepared & Analyzed: 01/23/20						
Benzene	0.104	0.00100	mg/kg wet	0.100		104	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2304 - General Preparation (GC)										
Calibration Check (P0A2304-CCV2)				Prepared: 01/23/20 Analyzed: 01/24/20						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		106	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Calibration Check (P0A2304-CCV3)				Prepared: 01/23/20 Analyzed: 01/24/20						
Benzene	0.103	0.00100	mg/kg wet	0.100		103	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		108	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Matrix Spike (P0A2304-MS1)		**Source: 0A15005-01**		Prepared: 01/23/20 Analyzed: 01/24/20						
Benzene	0.0902	0.00106	mg/kg dry	0.106	ND	84.8	80-120			
Toluene	0.0906	0.00106	"	0.106	ND	85.1	80-120			
Ethylbenzene	0.0973	0.00106	"	0.106	ND	91.4	80-120			
Xylene (p/m)	0.167	0.00213	"	0.213	ND	78.7	80-120			QM-07
Xylene (o)	0.0894	0.00106	"	0.106	ND	84.0	80-120			
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.128*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.135*		*"*	*0.128*		*106*	*75-125*			
Matrix Spike Dup (P0A2304-MSD1)		**Source: 0A15005-01**		Prepared: 01/23/20 Analyzed: 01/24/20						
Benzene	0.0942	0.00106	mg/kg dry	0.106	ND	88.5	80-120	4.28	20	
Toluene	0.0941	0.00106	"	0.106	ND	88.5	80-120	3.85	20	
Ethylbenzene	0.0989	0.00106	"	0.106	ND	93.0	80-120	1.72	20	
Xylene (p/m)	0.169	0.00213	"	0.213	ND	79.2	80-120	0.703	20	QM-07
Xylene (o)	0.0852	0.00106	"	0.106	ND	80.1	80-120	4.86	20	
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.128*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.133*		*"*	*0.128*		*105*	*75-125*			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2212 - * DEFAULT PREP *** **										
Blank (P0A2212-BLK1)				Prepared: 01/22/20 Analyzed: 01/23/20						
Chloride	ND	1.00	mg/kg wet							
LCS (P0A2212-BS1)				Prepared: 01/22/20 Analyzed: 01/23/20						
Chloride	433	1.00	mg/kg wet	400		108	80-120			
LCS Dup (P0A2212-BSD1)				Prepared: 01/22/20 Analyzed: 01/23/20						
Chloride	441	1.00	mg/kg wet	400		110	80-120	1.86	20	
Calibration Blank (P0A2212-CCB1)				Prepared: 01/22/20 Analyzed: 01/23/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0A2212-CCB2)				Prepared: 01/22/20 Analyzed: 01/23/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0A2212-CCV1)				Prepared: 01/22/20 Analyzed: 01/23/20						
Chloride	22.7		mg/kg	20.0		113	0-200			
Duplicate (P0A2212-DUP2)		**Source: 0A22003-17**		Prepared: 01/22/20 Analyzed: 01/23/20						
Chloride	3810	5.15	mg/kg dry		3710			2.63	20	
Batch P0A2301 - * DEFAULT PREP *** **										
Blank (P0A2301-BLK1)				Prepared & Analyzed: 01/23/20						
% Moisture	ND	0.1	%							
Duplicate (P0A2301-DUP1)		**Source: 0A22003-24**		Prepared & Analyzed: 01/23/20						
% Moisture	4.0	0.1	%		4.0			0.00	20	

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2301 - * DEFAULT PREP *** **										
Duplicate (P0A2301-DUP2)	**Source: 0A22005-02**			Prepared & Analyzed: 01/23/20						
% Moisture	7.0	0.1	%		8.0			13.3	20	
Batch P0A2302 - * DEFAULT PREP *** **										
Blank (P0A2302-BLK1)				Prepared & Analyzed: 01/23/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0A2302-BS1)				Prepared & Analyzed: 01/23/20						
Chloride	464	1.00	mg/kg wet	400		116	80-120			
LCS Dup (P0A2302-BSD1)				Prepared & Analyzed: 01/23/20						
Chloride	466	1.00	mg/kg wet	400		116	80-120	0.335	20	
Calibration Blank (P0A2302-CCB1)				Prepared & Analyzed: 01/23/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0A2302-CCV1)				Prepared & Analyzed: 01/23/20						
Chloride	21.9		mg/kg	20.0		109	0-200			
Calibration Check (P0A2302-CCV2)				Prepared: 01/23/20 Analyzed: 01/24/20						
Chloride	22.3		mg/kg	20.0		112	0-200			

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2209 - TX 1005										
Blank (P0A2209-BLK1)				Prepared & Analyzed: 01/22/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*55.8*		*"*	*50.0*		*112*	*70-130*			
LCS (P0A2209-BS1)				Prepared & Analyzed: 01/22/20						
C6-C12	854	25.0	mg/kg wet	1000		85.4	75-125			
>C12-C28	1030	25.0	"	1000		103	75-125			
Surrogate: 1-Chlorooctane	*105*		*"*	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*48.8*		*"*	*50.0*		*97.7*	*70-130*			
LCS Dup (P0A2209-BSD1)				Prepared & Analyzed: 01/22/20						
C6-C12	896	25.0	mg/kg wet	1000		89.6	75-125	4.76	20	
>C12-C28	1080	25.0	"	1000		108	75-125	4.20	20	
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*54.6*		*"*	*50.0*		*109*	*70-130*			
Calibration Blank (P0A2209-CCB1)				Prepared & Analyzed: 01/22/20						
C6-C12	16.8		mg/kg wet							
>C12-C28	6.11		"							
Surrogate: 1-Chlorooctane	*102*		*"*	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*55.0*		*"*	*50.0*		*110*	*70-130*			
Calibration Blank (P0A2209-CCB2)				Prepared: 01/22/20 Analyzed: 01/23/20						
C6-C12	16.9		mg/kg wet							
>C12-C28	7.97		"							
Surrogate: 1-Chlorooctane	*104*		*"*	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*56.4*		*"*	*50.0*		*113*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2209 - TX 1005										
Calibration Check (P0A2209-CCV1)				Prepared & Analyzed: 01/22/20						
C6-C12	516	25.0	mg/kg wet	500		103	85-115			
>C12-C28	558	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*53.6*		*"*	*50.0*		*107*	*70-130*			
Calibration Check (P0A2209-CCV2)				Prepared: 01/22/20 Analyzed: 01/23/20						
C6-C12	531	25.0	mg/kg wet	500		106	85-115			
>C12-C28	570	25.0	"	500		114	85-115			
Surrogate: 1-Chlorooctane	*114*		*"*	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*57.3*		*"*	*50.0*		*115*	*70-130*			
Calibration Check (P0A2209-CCV3)				Prepared: 01/22/20 Analyzed: 01/23/20						
C6-C12	533	25.0	mg/kg wet	500		107	85-115			
>C12-C28	567	25.0	"	500		113	85-115			
Surrogate: 1-Chlorooctane	*114*		*"*	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*55.3*		*"*	*50.0*		*111*	*70-130*			
Matrix Spike (P0A2209-MS1)		**Source: 0A22003-20**		Prepared: 01/22/20 Analyzed: 01/23/20						
C6-C12	1080	27.5	mg/kg dry	1100	19.0	96.2	75-125			
>C12-C28	1280	27.5	"	1100	ND	116	75-125			
Surrogate: 1-Chlorooctane	*129*		*"*	*110*		*117*	*70-130*			
Surrogate: o-Terphenyl	*73.9*		*"*	*54.9*		*134*	*70-130*			*S-GC*
Matrix Spike Dup (P0A2209-MSD1)		**Source: 0A22003-20**		Prepared: 01/22/20 Analyzed: 01/23/20						
C6-C12	1040	27.5	mg/kg dry	1100	19.0	93.4	75-125	3.01	20	
>C12-C28	1210	27.5	"	1100	ND	110	75-125	5.12	20	
Surrogate: 1-Chlorooctane	*121*		*"*	*110*		*110*	*70-130*			
Surrogate: o-Terphenyl	*56.6*		*"*	*54.9*		*103*	*70-130*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2305 - TX 1005										
Blank (P0A2305-BLK1)				Prepared & Analyzed: 01/23/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*55.3*		*"*	*50.0*		*111*	*70-130*			
LCS (P0A2305-BS1)				Prepared & Analyzed: 01/23/20						
C6-C12	872	25.0	mg/kg wet	1000		87.2	75-125			
>C12-C28	1030	25.0	"	1000		103	75-125			
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*50.7*		*"*	*50.0*		*101*	*70-130*			
LCS Dup (P0A2305-BSD1)				Prepared & Analyzed: 01/23/20						
C6-C12	966	25.0	mg/kg wet	1000		96.6	75-125	10.3	20	
>C12-C28	1160	25.0	"	1000		116	75-125	11.7	20	
Surrogate: 1-Chlorooctane	*120*		*"*	*100*		*120*	*70-130*			
Surrogate: o-Terphenyl	*61.0*		*"*	*50.0*		*122*	*70-130*			
Calibration Blank (P0A2305-CCB1)				Prepared & Analyzed: 01/23/20						
C6-C12	16.7		mg/kg wet							
>C12-C28	5.65		"							
Surrogate: 1-Chlorooctane	*113*		*"*	*100*		*113*	*70-130*			
Surrogate: o-Terphenyl	*58.4*		*"*	*50.0*		*117*	*70-130*			
Calibration Blank (P0A2305-CCB2)				Prepared & Analyzed: 01/23/20						
C6-C12	15.1		mg/kg wet							
>C12-C28	4.87		"							
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*59.8*		*"*	*50.0*		*120*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Select Energy Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A2305 - TX 1005										
Calibration Check (P0A2305-CCV1)				Prepared & Analyzed: 01/23/20						
C6-C12	538	25.0	mg/kg wet	500		108	85-115			
>C12-C28	562	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*116*		*"*	*100*		*116*	*70-130*			
Surrogate: o-Terphenyl	*57.7*		*"*	*50.0*		*115*	*70-130*			
Calibration Check (P0A2305-CCV2)				Prepared & Analyzed: 01/23/20						
C6-C12	549	25.0	mg/kg wet	500		110	85-115			
>C12-C28	536	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	*117*		*"*	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*58.4*		*"*	*50.0*		*117*	*70-130*			
Calibration Check (P0A2305-CCV3)				Prepared: 01/23/20 Analyzed: 01/24/20						
C6-C12	550	25.0	mg/kg wet	500		110	85-115			
>C12-C28	560	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*119*		*"*	*100*		*119*	*70-130*			
Surrogate: o-Terphenyl	*58.2*		*"*	*50.0*		*116*	*70-130*			
Matrix Spike (P0A2305-MS1)		**Source: 0A22003-24**		Prepared & Analyzed: 01/23/20						
C6-C12	894	26.0	mg/kg dry	1040	15.7	84.3	75-125			
>C12-C28	1070	26.0	"	1040	16.1	101	75-125			
Surrogate: 1-Chlorooctane	*103*		*"*	*104*		*99.0*	*70-130*			
Surrogate: o-Terphenyl	*51.4*		*"*	*52.1*		*98.7*	*70-130*			
Matrix Spike Dup (P0A2305-MSD1)		**Source: 0A22003-24**		Prepared & Analyzed: 01/23/20						
C6-C12	877	26.0	mg/kg dry	1040	15.7	82.7	75-125	1.89	20	
>C12-C28	1050	26.0	"	1040	16.1	99.7	75-125	1.20	20	
Surrogate: 1-Chlorooctane	*106*		*"*	*104*		*102*	*70-130*			
Surrogate: o-Terphenyl	*55.0*		*"*	*52.1*		*106*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 1/24/2020

Brent Barron, Laboratory Director/Technical Director

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Select Energy Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

State of New Mexico
Oil Conservation Division

Incident ID	nRM2002151575
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: Matt Buckles Title: Land, Drilling, Environmental

Signature: *Matt Buckles* Date: 4/16/2020

email: mattbuckles@mec.com Telephone: 575-748-1288

OCD Only

Received by: Robert Hamlet Date: 7/20/2021

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: Robert Hamlet Date: 7/20/2021

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Page 391 of 766

№ 0950

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 1/22/20 PAGE 1 OF 2

PO#: LAB WORK ORDER#: OA22003

PROJECT LOCATION OR NAME: Montreal ltt select Energy

LAI PROJECT #: 19-0179-04 COLLECTOR: RD

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
11.8	1	1/21/20	12:30	S	1				X		X		X	X	X												X		
11.9	2		12:31																										
11.10	3		12:32																										
15.1	4		13:10																										
15.5	5		13:15																										
13.1	6		13:20																										
12.3	7		14:16																										
12.4	8		14:15																										
12.5	9		14:00																										
12.6	10		13:52																										
12.7	11		13:51																										
12.8	12		13:50																										
12.9	13		13:49																										
12.10	14		13:48																										
12.11	15		13:47																										
TOTAL	15																												

RELINQUISHED BY:(Signature) DATE/TIME 1/22 10:43 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 1/22/20 10:43 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☒ 2day Rush C-
OTHER ☒ 5day
FDY TPH/BTEX

LABORATORY USE ONLY: CM-LL
RECEIVING TEMP: 3.3-43 THERM#:
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

Received by OCD: 4/29/2021 3:43:34 PM

Released to Imaging: 7/20/2021 2:11:28 PM

Page 392 of 766

№ 0951

CHAIN-OF-CUSTOD

Page 44 of 44

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 1/22/20 PAGE 2 OF 2

PO#: LAB WORK ORDER#: OA22003

PROJECT LOCATION OR NAME: Montreal 1H select Ene, J

LAI PROJECT #: 19-0179-04 COLLECTOR: RD

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☐ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
12.12	16	1/21/20	13:46	S	1				X		X		X	X	X	X												X		
12.13	17		13:45																											
12.14	18		13:44																											
12.15	19		13:43																											
12.16	20		13:42																											
12.17	21		13:41																											
12.18	22		13:40																											
12.19	23		13:39																											
12.20	24		13:38																											

TOTAL 9

RELINQUISHED BY: (Signature) DATE/TIME 1/22 10:43 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 1/22/20 10:43 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☒ rush Cl-
OTHER ☒ TPH/BTEX=5day

LABORATORY USE ONLY: CH1 LZ
RECEIVING TEMP: 3.3-4.3 THERM#:
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

Received by OCD: 4/29/2021 3:43:34 PM

Released to Imaging: 7/20/2021 2:11:28 PM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Montreal 1H

Project Number: 19-0179-04

Location: NM

Lab Order Number: 0A30006

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-17-8

Report Date: 02/04/20

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1.1	0A30006-01	Soil	01/29/20 13:00	01-30-2020 10:10
17.1	0A30006-02	Soil	01/29/20 13:07	01-30-2020 10:10
17.2	0A30006-03	Soil	01/29/20 13:08	01-30-2020 10:10
17.3	0A30006-04	Soil	01/29/20 13:09	01-30-2020 10:10
17.4	0A30006-05	Soil	01/29/20 13:10	01-30-2020 10:10
17.5	0A30006-06	Soil	01/29/20 13:14	01-30-2020 10:10
17.6	0A30006-07	Soil	01/29/20 13:16	01-30-2020 10:10
17.7	0A30006-08	Soil	01/29/20 13:17	01-30-2020 10:10
17.8	0A30006-09	Soil	01/29/20 13:18	01-30-2020 10:10
17.9	0A30006-10	Soil	01/29/20 13:19	01-30-2020 10:10
17.10	0A30006-11	Soil	01/29/20 13:20	01-30-2020 10:10
17.11	0A30006-12	Soil	01/29/20 13:21	01-30-2020 10:10
17.12	0A30006-13	Soil	01/29/20 13:24	01-30-2020 10:10
17.13	0A30006-14	Soil	01/29/20 13:25	01-30-2020 10:10
17.14	0A30006-15	Soil	01/29/20 13:30	01-30-2020 10:10
17.15	0A30006-16	Soil	01/29/20 13:31	01-30-2020 10:10
17.16	0A30006-17	Soil	01/29/20 13:32	01-30-2020 10:10

Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

1.1

0A30006-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	**0.00546**	0.00103	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.58**	1.03	mg/kg dry	1	P0A3108	01/31/20	02/01/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	**26.1**	25.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	**27.3**	25.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*121 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**53.3**	25.8	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

17.1

0A30006-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.15**	1.09	mg/kg dry	1	P0A3108	01/31/20	02/01/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.6 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

17.2

0A30006-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.31**	1.10	mg/kg dry	1	P0A3108	01/31/20	02/01/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.9 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

17.3

0A30006-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.61**	1.03	mg/kg dry	1	P0A3108	01/31/20	02/01/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.2 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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17.4

0A30006-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00106	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.4 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.1**	1.06	mg/kg dry	1	P0A3108	01/31/20	02/01/20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

17.5

0A30006-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**31.5**	1.11	mg/kg dry	1	P0A3108	01/31/20	02/01/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

17.6

0A30006-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**19.9**	1.12	mg/kg dry	1	P0A3108	01/31/20	02/01/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.2 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

17.7

0A30006-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**17.2**	1.11	mg/kg dry	1	P0A3108	01/31/20	02/01/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.5 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

17.8

0A30006-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**13.8**	1.14	mg/kg dry	1	P0A3108	01/31/20	02/01/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.2 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

17.9

0A30006-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00119	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00119	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00119	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00238	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00119	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**29.7**	1.19	mg/kg dry	1	P0A3108	01/31/20	02/01/20	EPA 300.0	
% Moisture	**16.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	29.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	29.8	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.2 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.8	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

17.10

0A30006-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00104	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.8 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**97.5**	1.04	mg/kg dry	1	P0A3109	01/31/20	02/01/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.0 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

17.11

0A30006-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*107 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**340**	1.12	mg/kg dry	1	P0A3109	01/31/20	02/01/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.6 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

17.12

0A30006-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**60.9**	1.14	mg/kg dry	1	P0A3109	01/31/20	02/01/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.7 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

17.13

0A30006-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00115	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00115	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**21.6**	1.15	mg/kg dry	1	P0A3109	01/31/20	02/01/20	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

17.14

0A30006-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*98.2 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.9**	1.12	mg/kg dry	1	P0A3109	01/31/20	02/01/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.9 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

17.15

0A30006-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**32.6**	1.14	mg/kg dry	1	P0A3109	01/31/20	02/01/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0A3005	01/30/20	01/30/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.2 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0A3005*	*01/30/20*	*01/30/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	01/30/20	01/30/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

17.16

0A30006-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0A3004	01/30/20	01/30/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P0A3004*	*01/30/20*	*01/30/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**184**	1.03	mg/kg dry	1	P0A3109	01/31/20	02/01/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0A3101	01/31/20	01/31/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0A3005	01/30/20	01/31/20	TPH 8015M	
>C12-C28	**59.7**	25.8	mg/kg dry	1	P0A3005	01/30/20	01/31/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0A3005	01/30/20	01/31/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*71.0 %*	*70-130*		*P0A3005*	*01/30/20*	*01/31/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.0 %*	*70-130*		*P0A3005*	*01/30/20*	*01/31/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**59.7**	25.8	mg/kg dry	1	[CALC]	01/30/20	01/31/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A3004 - General Preparation (GC)										
Blank (P0A3004-BLK1)				Prepared & Analyzed: 01/30/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
LCS (P0A3004-BS1)				Prepared & Analyzed: 01/30/20						
Benzene	0.104	0.00100	mg/kg wet	0.100		104	70-130			
Toluene	0.112	0.00100	"	0.100		112	70-130			
Ethylbenzene	0.105	0.00100	"	0.100		105	70-130			
Xylene (p/m)	0.237	0.00200	"	0.200		118	70-130			
Xylene (o)	0.108	0.00100	"	0.100		108	70-130			
Surrogate: 4-Bromofluorobenzene	*0.134*		*"*	*0.120*		*111*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
LCS Dup (P0A3004-BSD1)				Prepared & Analyzed: 01/30/20						
Benzene	0.113	0.00100	mg/kg wet	0.100		113	70-130	8.35	20	
Toluene	0.119	0.00100	"	0.100		119	70-130	6.14	20	
Ethylbenzene	0.105	0.00100	"	0.100		105	70-130	0.287	20	
Xylene (p/m)	0.237	0.00200	"	0.200		119	70-130	0.304	20	
Xylene (o)	0.116	0.00100	"	0.100		116	70-130	6.58	20	
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.132*		*"*	*0.120*		*110*	*75-125*			
Calibration Blank (P0A3004-CCB1)				Prepared & Analyzed: 01/30/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A3004 - General Preparation (GC)										
Calibration Blank (P0A3004-CCB2)				Prepared & Analyzed: 01/30/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*104*	*75-125*			
Calibration Check (P0A3004-CCV1)				Prepared & Analyzed: 01/30/20						
Benzene	0.110	0.00100	mg/kg wet	0.100		110	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.236	0.00200	"	0.200		118	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*106*	*75-125*			
Calibration Check (P0A3004-CCV2)				Prepared & Analyzed: 01/30/20						
Benzene	0.107	0.00100	mg/kg wet	0.100		107	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.229	0.00200	"	0.200		115	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	*0.130*		*"*	*0.120*		*108*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Calibration Check (P0A3004-CCV3)				Prepared & Analyzed: 01/30/20						
Benzene	0.106	0.00100	mg/kg wet	0.100		106	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	*0.134*		*"*	*0.120*		*112*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.120*		*107*	*75-125*			

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Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A3004 - General Preparation (GC)										
Matrix Spike (P0A3004-MS1)		**Source: 0A30006-01**		Prepared & Analyzed: 01/30/20						
Benzene	0.0710	0.00103	mg/kg dry	0.103	ND	68.9	80-120			QM-07
Toluene	0.0718	0.00103	"	0.103	ND	69.6	80-120			QM-07
Ethylbenzene	0.0867	0.00103	"	0.103	0.00546	78.8	80-120			QM-07
Xylene (p/m)	0.148	0.00206	"	0.206	ND	71.9	80-120			QM-07
Xylene (o)	0.0704	0.00103	"	0.103	ND	68.3	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.134*		*"*	*0.124*		*109*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.124*		*107*	*75-125*			
Matrix Spike Dup (P0A3004-MSD1)		**Source: 0A30006-01**		Prepared & Analyzed: 01/30/20						
Benzene	0.0756	0.00103	mg/kg dry	0.103	ND	73.3	80-120	6.25	20	QM-07
Toluene	0.0759	0.00103	"	0.103	ND	73.6	80-120	5.60	20	QM-07
Ethylbenzene	0.0890	0.00103	"	0.103	0.00546	81.0	80-120	2.78	20	
Xylene (p/m)	0.152	0.00206	"	0.206	ND	73.8	80-120	2.59	20	QM-07
Xylene (o)	0.0757	0.00103	"	0.103	ND	73.4	80-120	7.24	20	QM-07
Surrogate: 4-Bromofluorobenzene	*0.137*		*"*	*0.124*		*110*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.124*		*104*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A3101 - * DEFAULT PREP *** **										
Blank (P0A3101-BLK1)				Prepared & Analyzed: 01/31/20						
% Moisture	ND	0.1	%							
Duplicate (P0A3101-DUP1)		**Source: 0A30006-06**		Prepared & Analyzed: 01/31/20						
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P0A3101-DUP2)		**Source: 0A30008-06**		Prepared & Analyzed: 01/31/20						
% Moisture	ND	0.1	%		ND				20	
Batch P0A3108 - * DEFAULT PREP *** **										
Blank (P0A3108-BLK1)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0A3108-BS1)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	416	1.00	mg/kg wet	400		104	80-120			
LCS Dup (P0A3108-BSD1)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	419	1.00	mg/kg wet	400		105	80-120	0.589	20	
Calibration Blank (P0A3108-CCB1)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0A3108-CCB2)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0A3108-CCV1)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	21.1		mg/kg	20.0		106	0-200			

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Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A3108 - * DEFAULT PREP *** **										
Calibration Check (P0A3108-CCV2)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	20.8		mg/kg	20.0		104	0-200			
Calibration Check (P0A3108-CCV3)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	21.2		mg/kg	20.0		106	0-200			
Matrix Spike (P0A3108-MS1)		**Source: 0A15007-01**		Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	28800	59.5	mg/kg dry	5950	22900	99.8	80-120			
Matrix Spike (P0A3108-MS2)		**Source: 0A30006-01**		Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	504	1.03	mg/kg dry	515	5.58	96.7	80-120			
Matrix Spike Dup (P0A3108-MSD1)		**Source: 0A15007-01**		Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	28900	59.5	mg/kg dry	5950	22900	101	80-120	0.245	20	
Matrix Spike Dup (P0A3108-MSD2)		**Source: 0A30006-01**		Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	508	1.03	mg/kg dry	515	5.58	97.5	80-120	0.770	20	
Batch P0A3109 - * DEFAULT PREP *** **										
Blank (P0A3109-BLK1)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	ND	0.100	mg/kg wet							
LCS (P0A3109-BS1)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	428	1.00	mg/kg wet	400		107	80-120			
LCS Dup (P0A3109-BSD1)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	426	1.00	mg/kg wet	400		107	80-120	0.484	20	

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Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A3109 - * DEFAULT PREP *** **										
Calibration Blank (P0A3109-CCB1)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0A3109-CCB2)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0A3109-CCV1)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	21.2		mg/kg	20.0		106	0-200			
Calibration Check (P0A3109-CCV2)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	21.2		mg/kg	20.0		106	0-200			
Calibration Check (P0A3109-CCV3)				Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	21.7		mg/kg	20.0		108	0-200			
Matrix Spike (P0A3109-MS1)		**Source: 0A16009-01**		Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	1940	11.8	mg/kg dry	1180	724	103	80-120			
Matrix Spike (P0A3109-MS2)		**Source: 0A16009-04**		Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	2950	27.8	mg/kg dry	2780	117	102	80-120			
Matrix Spike Dup (P0A3109-MSD1)		**Source: 0A16009-01**		Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	1930	11.8	mg/kg dry	1180	724	102	80-120	0.371	20	
Matrix Spike Dup (P0A3109-MSD2)		**Source: 0A16009-04**		Prepared: 01/31/20 Analyzed: 02/01/20						
Chloride	3020	27.8	mg/kg dry	2780	117	104	80-120	2.34	20	

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Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A3005 - TX 1005										
Blank (P0A3005-BLK1)				Prepared & Analyzed: 01/30/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*59.8*		*"*	*50.0*		*120*	*70-130*			
LCS (P0A3005-BS1)				Prepared & Analyzed: 01/30/20						
C6-C12	906	25.0	mg/kg wet	1000		90.6	75-125			
>C12-C28	1070	25.0	"	1000		107	75-125			
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*59.3*		*"*	*50.0*		*119*	*70-130*			
LCS Dup (P0A3005-BSD1)				Prepared & Analyzed: 01/30/20						
C6-C12	933	25.0	mg/kg wet	1000		93.3	75-125	2.91	20	
>C12-C28	1090	25.0	"	1000		109	75-125	1.66	20	
Surrogate: 1-Chlorooctane	*112*		*"*	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*56.0*		*"*	*50.0*		*112*	*70-130*			
Calibration Blank (P0A3005-CCB1)				Prepared & Analyzed: 01/30/20						
C6-C12	15.5		mg/kg wet							
>C12-C28	24.6		"							
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*60.4*		*"*	*50.0*		*121*	*70-130*			
Calibration Blank (P0A3005-CCB2)				Prepared & Analyzed: 01/30/20						
C6-C12	15.1		mg/kg wet							
>C12-C28	11.0		"							
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*57.9*		*"*	*50.0*		*116*	*70-130*			

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Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0A3005 - TX 1005										
Calibration Check (P0A3005-CCV1)				Prepared & Analyzed: 01/30/20						
C6-C12	512	25.0	mg/kg wet	500		102	85-115			
>C12-C28	560	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	*116*		*"*	*100*		*116*	*70-130*			
Surrogate: o-Terphenyl	*57.7*		*"*	*50.0*		*115*	*70-130*			
Calibration Check (P0A3005-CCV2)				Prepared & Analyzed: 01/30/20						
C6-C12	507	25.0	mg/kg wet	500		101	85-115			
>C12-C28	569	25.0	"	500		114	85-115			
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*56.5*		*"*	*50.0*		*113*	*70-130*			
Calibration Check (P0A3005-CCV3)				Prepared: 01/30/20 Analyzed: 01/31/20						
C6-C12	ND	25.0	mg/kg wet	500			85-115			
>C12-C28	ND	25.0	"	500			85-115			
Surrogate: 1-Chlorooctane	*0.00*		*"*	*100*			*70-130*			
Surrogate: o-Terphenyl	*0.00*		*"*	*50.0*			*70-130*			
Matrix Spike (P0A3005-MS1)		**Source: 0A30006-17**		Prepared: 01/30/20 Analyzed: 01/31/20						
C6-C12	811	25.8	mg/kg dry	1030	11.3	77.5	75-125			
>C12-C28	915	25.8	"	1030	59.7	82.9	75-125			
Surrogate: 1-Chlorooctane	*93.0*		*"*	*103*		*90.2*	*70-130*			
Surrogate: o-Terphenyl	*42.8*		*"*	*51.5*		*83.0*	*70-130*			
Matrix Spike Dup (P0A3005-MSD1)		**Source: 0A30006-17**		Prepared: 01/30/20 Analyzed: 01/31/20						
C6-C12	831	25.8	mg/kg dry	1030	11.3	79.5	75-125	2.48	20	
>C12-C28	945	25.8	"	1030	59.7	85.9	75-125	3.53	20	
Surrogate: 1-Chlorooctane	*93.7*		*"*	*103*		*90.9*	*70-130*			
Surrogate: o-Terphenyl	*45.2*		*"*	*51.5*		*87.7*	*70-130*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Notes and Definitions

ROI	Received on Ice
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 2/4/2020

Brent Barron, Laboratory Director/Technical Director

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If you have received this material in error, please notify us immediately at 432-686-7235.

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№ 0967

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 1/30/2020 PAGE 1 OF 2

PO#: LAB WORK ORDER#: 0A30006

PROJECT LOCATION OR NAME: Montreal 1H

LAI PROJECT #: 19-0179-04 COLLECTOR: RD

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
1.1	1	1/29/20	13:00	S	1				X		X			X	X	X													X	
17.1	2		13:07																											
17.2	3		13:08																											
17.3	4		13:09																											
17.4	5		13:10																											
17.5	6		13:14																											
17.6	7		13:16																											
17.7	8		13:17																											
17.8	9		13:18																											
17.9	10		13:19																											
17.10	11		13:20																											
17.11	12		13:21																											
17.12	13		13:24																											
17.13	14		13:25																											
17.14	15		13:20																											
TOTAL		15																												

RELINQUISHED BY:(Signature) Rachel Owen DATE/TIME 1-30-20/10:04 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 1-30-20/1010 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒ 3day

LABORATORY USE ONLY:
RECEIVING TEMP: -3.4 / -2.4 THERM#: CF1.L2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 4/29/2021 3:43:34 PM

Released to Imaging: 7/20/2021 2:11:28 PM

Page 422 of 766

№ 0968

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 1/30/2020 PAGE 2 OF 2

PO#: LAB WORK ORDER#: 0A30006

PROJECT LOCATION OR NAME: Montreal 1H

LAI PROJECT #: 19-0179-04 COLLECTOR: RD

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☐ | DIESEL - MOD 8015 ☐ | OIL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒	TRPH 418.1 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	OIL - MOD 8015 ☐	FIELD NOTES
17.15	16	1/29/20	13:31	S	1				X		X	X	X	X	X	
17.16	17	1	13:32	1	1				1		1	1	1	1	1	

TOTAL 2

RELINQUISHED BY:(Signature) Rachel Owen DATE/TIME 1/30/20 - 10:04 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 1/30/20 - 1004 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒ 3day

LABORATORY USE ONLY:
RECEIVING TEMP: -3.9 -2.4 THERM#: CF1, 12
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Received by OCD: 1/29/2021 3:43:34 PM

Released to Imaging: 7/20/2021 2:11:28 PM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Montreal 1H

Project Number: 19-0179-04

Location: NM

Lab Order Number: 0B11005

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-17-8

Report Date: 02/14/20

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Topsoil Backfill 1	0B11005-01	Soil	02/10/20 12:20	02-11-2020 10:35
Topsoil Backfill 2	0B11005-02	Soil	02/10/20 12:21	02-11-2020 10:35
Topsoil Backfill 3	0B11005-03	Soil	02/10/20 12:22	02-11-2020 10:35
Topsoil Backfill 4	0B11005-04	Soil	02/10/20 12:23	02-11-2020 10:35
Topsoil Backfill 5	0B11005-05	Soil	02/10/20 12:24	02-11-2020 10:35
Topsoil Backfill 6	0B11005-06	Soil	02/10/20 12:25	02-11-2020 10:35
Topsoil Backfill 7	0B11005-07	Soil	02/10/20 12:26	02-11-2020 10:35
Topsoil Backfill 8	0B11005-08	Soil	02/10/20 12:27	02-11-2020 10:35
Topsoil Backfill 9	0B11005-09	Soil	02/10/20 12:28	02-11-2020 10:35
Topsoil Backfill 10	0B11005-10	Soil	02/10/20 12:29	02-11-2020 10:35
Topsoil Backfill 11	0B11005-11	Soil	02/10/20 12:30	02-11-2020 10:35
Topsoil Backfill 12	0B11005-12	Soil	02/10/20 12:31	02-11-2020 10:35
Caliche Backfill 1	0B11005-13	Soil	02/10/20 13:00	02-11-2020 10:35
Caliche Backfill 2	0B11005-14	Soil	02/10/20 13:05	02-11-2020 10:35
Caliche Backfill 3	0B11005-15	Soil	02/10/20 13:10	02-11-2020 10:35
Caliche Backfill 4	0B11005-16	Soil	02/10/20 13:11	02-11-2020 10:35
Caliche Backfill 5	0B11005-17	Soil	02/10/20 13:12	02-11-2020 10:35
Caliche Backfill 6	0B11005-18	Soil	02/10/20 13:13	02-11-2020 10:35
Caliche Backfill 7	0B11005-19	Soil	02/10/20 13:14	02-11-2020 10:35
Caliche Backfill 8	0B11005-20	Soil	02/10/20 13:15	02-11-2020 10:35
Caliche Backfill 9	0B11005-21	Soil	02/10/20 13:16	02-11-2020 10:35
Caliche Backfill 10	0B11005-22	Soil	02/10/20 13:17	02-11-2020 10:35
Caliche Backfill 11	0B11005-23	Soil	02/10/20 13:18	02-11-2020 10:35
Caliche Backfill 12	0B11005-24	Soil	02/10/20 13:20	02-11-2020 10:35

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Topsoil Backfill 1

0B11005-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00125	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00125	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00125	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00250	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00125	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.3 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.1**	1.25	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**20.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	31.2	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C12-C28	ND	31.2	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C28-C35	ND	31.2	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*130 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*150 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	31.2	mg/kg dry	1	[CALC]	02/11/20	02/11/20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Topsoil Backfill 2

0B11005-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.2 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11.7**	1.09	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	02/11/20	02/11/20	calc	

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Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Topsoil Backfill 3

0B11005-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.0 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.6**	1.10	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*112 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	02/11/20	02/11/20	calc	

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Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Topsoil Backfill 4

0B11005-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.2 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.9 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.65**	1.03	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.6 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	02/11/20	02/11/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Topsoil Backfill 5

0B11005-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00105	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.2 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.09**	1.05	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
>C12-C28	**53.3**	26.3	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
>C28-C35	**32.2**	26.3	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*199 %*	*70-130*		*P0B1111*	*02/11/20*	*02/12/20*	*TPH 8015M*	*S-GC1*
Surrogate: o-Terphenyl		*234 %*	*70-130*		*P0B1111*	*02/11/20*	*02/12/20*	*TPH 8015M*	*S-GC1*
Total Petroleum Hydrocarbon C6-C35	**85.5**	26.3	mg/kg dry	1	[CALC]	02/11/20	02/12/20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Topsoil Backfill 6

0B11005-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.9 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.8**	1.12	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*179 %*	*70-130*		*P0B1111*	*02/11/20*	*02/12/20*	*TPH 8015M*	*S-GC1*
Surrogate: o-Terphenyl		*208 %*	*70-130*		*P0B1111*	*02/11/20*	*02/12/20*	*TPH 8015M*	*S-GC1*
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	02/11/20	02/12/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Topsoil Backfill 7

0B11005-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.4 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**15.8**	1.11	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*153 %*	*70-130*		*P0B1111*	*02/11/20*	*02/12/20*	*TPH 8015M*	*S-GC1*
Surrogate: o-Terphenyl		*178 %*	*70-130*		*P0B1111*	*02/11/20*	*02/12/20*	*TPH 8015M*	*S-GC1*
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	02/11/20	02/12/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Topsoil Backfill 8

0B11005-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.3 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**18.4**	1.08	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
>C12-C28	**34.1**	26.9	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
>C28-C35	**33.5**	26.9	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*165 %*	*70-130*		*P0B1111*	*02/11/20*	*02/12/20*	*TPH 8015M*	*S-GC1*
Surrogate: o-Terphenyl		*192 %*	*70-130*		*P0B1111*	*02/11/20*	*02/12/20*	*TPH 8015M*	*S-GC1*
Total Petroleum Hydrocarbon C6-C35	**67.6**	26.9	mg/kg dry	1	[CALC]	02/11/20	02/12/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Topsoil Backfill 9

0B11005-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.6 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.1**	1.11	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*136 %*	*70-130*		*P0B1111*	*02/11/20*	*02/12/20*	*TPH 8015M*	*S-GC1*
Surrogate: o-Terphenyl		*157 %*	*70-130*		*P0B1111*	*02/11/20*	*02/12/20*	*TPH 8015M*	*S-GC1*
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	02/11/20	02/12/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Topsoil Backfill 10

0B11005-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.4 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11.3**	1.11	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*173 %*	*70-130*		*P0B1111*	*02/11/20*	*02/12/20*	*TPH 8015M*	*S-GC1*
Surrogate: o-Terphenyl		*198 %*	*70-130*		*P0B1111*	*02/11/20*	*02/12/20*	*TPH 8015M*	*S-GC1*
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	02/11/20	02/12/20	calc	

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Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Topsoil Backfill 11

0B11005-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00104	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.6 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.4 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**13.7**	1.04	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**91.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*74.2 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*86.2 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	02/11/20	02/11/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Topsoil Backfill 12

0B11005-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.4 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.0 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.05**	1.09	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
>C12-C28	**45.6**	27.2	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
>C28-C35	**29.5**	27.2	mg/kg dry	1	P0B1111	02/11/20	02/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*221 %*	*70-130*		*P0B1111*	*02/11/20*	*02/12/20*	*TPH 8015M*	*S-GC1*
Surrogate: o-Terphenyl		*257 %*	*70-130*		*P0B1111*	*02/11/20*	*02/12/20*	*TPH 8015M*	*S-GC1*
Total Petroleum Hydrocarbon C6-C35	**75.0**	27.2	mg/kg dry	1	[CALC]	02/11/20	02/12/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Caliche Backfill 1

0B11005-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.5 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**54.3**	1.03	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.0 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	02/11/20	02/11/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Caliche Backfill 2

0B11005-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.6 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.36**	1.01	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*116 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*146 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	02/11/20	02/11/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Caliche Backfill 3

0B11005-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.2 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**90.6**	1.02	mg/kg dry	1	P0B1301	02/13/20	02/13/20	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.4 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*119 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	02/11/20	02/11/20	calc	

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Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Caliche Backfill 4

0B11005-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00104	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*94.0 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.7 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**15.6**	1.04	mg/kg dry	1	P0B1116	02/11/20	02/11/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0B1111	02/11/20	02/14/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0B1111	02/11/20	02/14/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0B1111	02/11/20	02/14/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*144 %*	*70-130*		*P0B1111*	*02/11/20*	*02/14/20*	*TPH 8015M*	*S-GC1*
Surrogate: o-Terphenyl		*170 %*	*70-130*		*P0B1111*	*02/11/20*	*02/14/20*	*TPH 8015M*	*S-GC1*
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	02/11/20	02/14/20	calc	

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Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Caliche Backfill 5

0B11005-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00114	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.2 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**83.8**	1.14	mg/kg dry	1	P0B1116	02/11/20	02/11/20	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.3 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	02/11/20	02/11/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Caliche Backfill 6

0B11005-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00104	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.2 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**17.3**	1.04	mg/kg dry	1	P0B1116	02/11/20	02/11/20	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P0B1111	02/11/20	02/11/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.7 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*123 %*	*70-130*		*P0B1111*	*02/11/20*	*02/11/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	02/11/20	02/11/20	calc	

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Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Caliche Backfill 7

0B11005-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.9 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**37.4**	1.09	mg/kg dry	1	P0B1116	02/11/20	02/11/20	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P0B1111	02/11/20	02/14/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0B1111	02/11/20	02/14/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0B1111	02/11/20	02/14/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*192 %*	*70-130*		*P0B1111*	*02/11/20*	*02/14/20*	*TPH 8015M*	*S-GC1*
Surrogate: o-Terphenyl		*221 %*	*70-130*		*P0B1111*	*02/11/20*	*02/14/20*	*TPH 8015M*	*S-GC1*
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	02/11/20	02/14/20	calc	

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P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Caliche Backfill 8

0B11005-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0B1109	02/11/20	02/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.1 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.2 %*	*75-125*		*P0B1109*	*02/11/20*	*02/11/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**28.7**	1.10	mg/kg dry	1	P0B1116	02/11/20	02/11/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0B1111	02/11/20	02/14/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0B1111	02/11/20	02/14/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0B1111	02/11/20	02/14/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.1 %*	*70-130*		*P0B1111*	*02/11/20*	*02/14/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P0B1111*	*02/11/20*	*02/14/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	02/11/20	02/14/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Caliche Backfill 9

0B11005-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00111	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.4 %*	*75-125*		*P0B1110*	*02/11/20*	*02/12/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.4 %*	*75-125*		*P0B1110*	*02/11/20*	*02/12/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**31.9**	1.11	mg/kg dry	1	P0B1116	02/11/20	02/11/20	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P0B1112	02/11/20	02/12/20	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P0B1112	02/11/20	02/12/20	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P0B1112	02/11/20	02/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.1 %*	*70-130*		*P0B1112*	*02/11/20*	*02/12/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P0B1112*	*02/11/20*	*02/12/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	02/11/20	02/12/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Caliche Backfill 10

0B11005-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00105	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.8 %*	*75-125*		*P0B1110*	*02/11/20*	*02/12/20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P0B1110*	*02/11/20*	*02/12/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**21.1**	1.05	mg/kg dry	1	P0B1116	02/11/20	02/11/20	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P0B1112	02/11/20	02/12/20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P0B1112	02/11/20	02/12/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0B1112	02/11/20	02/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*115 %*	*70-130*		*P0B1112*	*02/11/20*	*02/12/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*126 %*	*70-130*		*P0B1112*	*02/11/20*	*02/12/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	02/11/20	02/12/20	calc	

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Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Caliche Backfill 11

0B11005-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0B1110*	*02/11/20*	*02/12/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.1 %*	*75-125*		*P0B1110*	*02/11/20*	*02/12/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**30.1**	1.10	mg/kg dry	1	P0B1116	02/11/20	02/11/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0B1112	02/11/20	02/12/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0B1112	02/11/20	02/12/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0B1112	02/11/20	02/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P0B1112*	*02/11/20*	*02/12/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P0B1112*	*02/11/20*	*02/12/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	02/11/20	02/12/20	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Caliche Backfill 12

0B11005-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P0B1110	02/11/20	02/12/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P0B1110*	*02/11/20*	*02/12/20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.5 %*	*75-125*		*P0B1110*	*02/11/20*	*02/12/20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**29.6**	1.10	mg/kg dry	1	P0B1116	02/11/20	02/11/20	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P0B1202	02/12/20	02/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P0B1112	02/11/20	02/12/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0B1112	02/11/20	02/12/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0B1112	02/11/20	02/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.3 %*	*70-130*		*P0B1112*	*02/11/20*	*02/12/20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P0B1112*	*02/11/20*	*02/12/20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	02/11/20	02/12/20	calc	

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Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1109 - General Preparation (GC)										
Blank (P0B1109-BLK1)				Prepared & Analyzed: 02/11/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
LCS (P0B1109-BS1)				Prepared & Analyzed: 02/11/20						
Benzene	0.0952	0.00100	mg/kg wet	0.100		95.2	70-130			
Toluene	0.0965	0.00100	"	0.100		96.5	70-130			
Ethylbenzene	0.100	0.00100	"	0.100		100	70-130			
Xylene (p/m)	0.197	0.00200	"	0.200		98.4	70-130			
Xylene (o)	0.102	0.00100	"	0.100		102	70-130			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
LCS Dup (P0B1109-BSD1)				Prepared & Analyzed: 02/11/20						
Benzene	0.0996	0.00100	mg/kg wet	0.100		99.6	70-130	4.51	20	
Toluene	0.103	0.00100	"	0.100		103	70-130	6.47	20	
Ethylbenzene	0.100	0.00100	"	0.100		100	70-130	0.180	20	
Xylene (p/m)	0.209	0.00200	"	0.200		105	70-130	6.12	20	
Xylene (o)	0.112	0.00100	"	0.100		112	70-130	9.60	20	
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.1*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Calibration Blank (P0B1109-CCB1)				Prepared & Analyzed: 02/11/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*98.8*	*75-125*			

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Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1109 - General Preparation (GC)										
Calibration Blank (P0B1109-CCB2)				Prepared & Analyzed: 02/11/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.2*	*75-125*			
Calibration Blank (P0B1109-CCB3)				Prepared: 02/11/20 Analyzed: 02/12/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
Calibration Check (P0B1109-CCV1)				Prepared & Analyzed: 02/11/20						
Benzene	0.0969	0.00100	mg/kg wet	0.100		96.9	80-120			
Toluene	0.0945	0.00100	"	0.100		94.5	80-120			
Ethylbenzene	0.0980	0.00100	"	0.100		98.0	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		95.9	80-120			
Xylene (o)	0.0985	0.00100	"	0.100		98.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.0*	*75-125*			
Calibration Check (P0B1109-CCV2)				Prepared & Analyzed: 02/11/20						
Benzene	0.0959	0.00100	mg/kg wet	0.100		95.9	80-120			
Toluene	0.0922	0.00100	"	0.100		92.2	80-120			
Ethylbenzene	0.0924	0.00100	"	0.100		92.4	80-120			
Xylene (p/m)	0.179	0.00200	"	0.200		89.4	80-120			
Xylene (o)	0.0980	0.00100	"	0.100		98.0	80-120			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*95.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.6*	*75-125*			

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Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1109 - General Preparation (GC)										
Calibration Check (P0B1109-CCV3)				Prepared: 02/11/20 Analyzed: 02/12/20						
Benzene	0.0973	0.00100	mg/kg wet	0.100		97.3	80-120			
Toluene	0.0982	0.00100	"	0.100		98.2	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200		95.1	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	*0.124*		"	*0.120*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*99.8*	*75-125*			
Matrix Spike (P0B1109-MS1)		**Source: 0B11005-01**		Prepared & Analyzed: 02/11/20						
Benzene	0.0962	0.00125	mg/kg dry	0.125	ND	77.0	80-120			QM-07
Toluene	0.0897	0.00125	"	0.125	ND	71.8	80-120			QM-07
Ethylbenzene	0.108	0.00125	"	0.125	ND	86.7	80-120			
Xylene (p/m)	0.175	0.00250	"	0.250	ND	70.0	80-120			QM-07
Xylene (o)	0.0903	0.00125	"	0.125	ND	72.2	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.159*		"	*0.150*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.149*		"	*0.150*		*99.4*	*75-125*			
Matrix Spike Dup (P0B1109-MSD1)		**Source: 0B11005-01**		Prepared & Analyzed: 02/11/20						
Benzene	0.0932	0.00125	mg/kg dry	0.125	ND	74.6	80-120	3.19	20	QM-07
Toluene	0.0877	0.00125	"	0.125	ND	70.2	80-120	2.30	20	QM-07
Ethylbenzene	0.105	0.00125	"	0.125	ND	83.6	80-120	3.63	20	
Xylene (p/m)	0.169	0.00250	"	0.250	ND	67.6	80-120	3.57	20	QM-07
Xylene (o)	0.0873	0.00125	"	0.125	ND	69.8	80-120	3.42	20	QM-07
Surrogate: 1,4-Difluorobenzene	*0.149*		"	*0.150*		*99.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.160*		"	*0.150*		*107*	*75-125*			
Batch P0B1110 - General Preparation (GC)										
Blank (P0B1110-BLK1)				Prepared: 02/11/20 Analyzed: 02/12/20						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.114*		"	*0.120*		*94.6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*99.7*	*75-125*			

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Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1110 - General Preparation (GC)										
LCS (P0B1110-BS1)				Prepared: 02/11/20 Analyzed: 02/12/20						
Benzene	0.100	0.00100	mg/kg wet	0.100		100	70-130			
Toluene	0.101	0.00100	"	0.100		101	70-130			
Ethylbenzene	0.102	0.00100	"	0.100		102	70-130			
Xylene (p/m)	0.201	0.00200	"	0.200		101	70-130			
Xylene (o)	0.109	0.00100	"	0.100		109	70-130			
Surrogate: 4-Bromofluorobenzene	*0.127*		*"*	*0.120*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.4*	*75-125*			
LCS Dup (P0B1110-BSD1)				Prepared: 02/11/20 Analyzed: 02/12/20						
Benzene	0.0967	0.00100	mg/kg wet	0.100		96.7	70-130	3.30	20	
Toluene	0.0979	0.00100	"	0.100		97.9	70-130	3.44	20	
Ethylbenzene	0.102	0.00100	"	0.100		102	70-130	0.0293	20	
Xylene (p/m)	0.193	0.00200	"	0.200		96.6	70-130	4.15	20	
Xylene (o)	0.105	0.00100	"	0.100		105	70-130	3.74	20	
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
Calibration Blank (P0B1110-CCB1)				Prepared: 02/11/20 Analyzed: 02/12/20						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*100*	*75-125*			
Calibration Check (P0B1110-CCV1)				Prepared: 02/11/20 Analyzed: 02/12/20						
Benzene	0.0973	0.00100	mg/kg wet	0.100		97.3	80-120			
Toluene	0.0982	0.00100	"	0.100		98.2	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200		95.1	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	*0.124*		*"*	*0.120*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*99.8*	*75-125*			

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1110 - General Preparation (GC)										
Calibration Check (P0B1110-CCV2)				Prepared: 02/11/20 Analyzed: 02/12/20						
Benzene	0.0959	0.00100	mg/kg wet	0.100		95.9	80-120			
Toluene	0.0965	0.00100	"	0.100		96.5	80-120			
Ethylbenzene	0.0998	0.00100	"	0.100		99.8	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200		92.3	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.120*		*102*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.2*	*75-125*			
Matrix Spike (P0B1110-MS1)		**Source: 0B11005-21**		Prepared: 02/11/20 Analyzed: 02/12/20						
Benzene	0.0889	0.00111	mg/kg dry	0.111	ND	80.0	80-120			
Toluene	0.0847	0.00111	"	0.111	ND	76.2	80-120			QM-07
Ethylbenzene	0.104	0.00111	"	0.111	ND	93.4	80-120			
Xylene (p/m)	0.165	0.00222	"	0.222	ND	74.1	80-120			QM-07
Xylene (o)	0.0905	0.00111	"	0.111	ND	81.5	80-120			
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.133*		*97.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.138*		*"*	*0.133*		*103*	*75-125*			
Matrix Spike Dup (P0B1110-MSD1)		**Source: 0B11005-21**		Prepared: 02/11/20 Analyzed: 02/12/20						
Benzene	0.0924	0.00111	mg/kg dry	0.111	ND	83.2	80-120	3.89	20	
Toluene	0.0878	0.00111	"	0.111	ND	79.0	80-120	3.59	20	QM-07
Ethylbenzene	0.108	0.00111	"	0.111	ND	97.2	80-120	3.91	20	
Xylene (p/m)	0.174	0.00222	"	0.222	ND	78.3	80-120	5.43	20	QM-07
Xylene (o)	0.0944	0.00111	"	0.111	ND	84.9	80-120	4.16	20	
Surrogate: 1,4-Difluorobenzene	*0.131*		*"*	*0.133*		*98.6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.141*		*"*	*0.133*		*106*	*75-125*			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1116 - * DEFAULT PREP *** **										
Blank (P0B1116-BLK1)				Prepared & Analyzed: 02/11/20						
Chloride	ND	1.00	mg/kg wet							
LCS (P0B1116-BS1)				Prepared & Analyzed: 02/11/20						
Chloride	409	1.00	mg/kg wet	400		102	80-120			
LCS Dup (P0B1116-BSD1)				Prepared & Analyzed: 02/11/20						
Chloride	407	1.00	mg/kg wet	400		102	80-120	0.311	20	
Calibration Blank (P0B1116-CCB1)				Prepared & Analyzed: 02/11/20						
Chloride	0.00		mg/kg wet							
Calibration Blank (P0B1116-CCB2)				Prepared & Analyzed: 02/11/20						
Chloride	0.00		mg/kg wet							
Calibration Check (P0B1116-CCV1)				Prepared & Analyzed: 02/11/20						
Chloride	19.3		mg/kg	20.0		96.5	0-200			
Calibration Check (P0B1116-CCV2)				Prepared & Analyzed: 02/11/20						
Chloride	19.3		mg/kg	20.0		96.3	0-200			
Calibration Check (P0B1116-CCV3)				Prepared & Analyzed: 02/11/20						
Chloride	19.2		mg/kg	20.0		96.0	0-200			
Duplicate (P0B1116-DUP1)		**Source: 0B11005-16**		Prepared & Analyzed: 02/11/20						
Chloride	11.3	1.04	mg/kg dry		15.6			31.5	20	
Duplicate (P0B1116-DUP2)		**Source: 0B11006-02**		Prepared & Analyzed: 02/11/20						
Chloride	608	1.08	mg/kg dry		510			17.6	20	

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Project: Montreal 1H
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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1202 - * DEFAULT PREP *** **										
Blank (P0B1202-BLK1)				Prepared & Analyzed: 02/12/20						
% Moisture	ND	0.1	%							
Duplicate (P0B1202-DUP1)		**Source: 0B11004-09**		Prepared & Analyzed: 02/12/20						
% Moisture	20.0	0.1	%		20.0			0.00	20	
Duplicate (P0B1202-DUP2)		**Source: 0B11005-24**		Prepared & Analyzed: 02/12/20						
% Moisture	10.0	0.1	%		9.0			10.5	20	
Duplicate (P0B1202-DUP3)		**Source: 0B11006-16**		Prepared & Analyzed: 02/12/20						
% Moisture	14.0	0.1	%		15.0			6.90	20	
Duplicate (P0B1202-DUP4)		**Source: 0B11007-42**		Prepared & Analyzed: 02/12/20						
% Moisture	24.0	0.1	%		24.0			0.00	20	
Batch P0B1301 - * DEFAULT PREP *** **										
Blank (P0B1301-BLK1)				Prepared & Analyzed: 02/13/20						
Chloride	ND	1.00	mg/kg wet							
LCS (P0B1301-BS1)				Prepared & Analyzed: 02/13/20						
Chloride	409	1.00	mg/kg wet	400		102	80-120			
LCS Dup (P0B1301-BSD1)				Prepared & Analyzed: 02/13/20						
Chloride	410	1.00	mg/kg wet	400		103	80-120	0.237	20	
Calibration Check (P0B1301-CCV1)				Prepared & Analyzed: 02/13/20						
Chloride	20.6		mg/kg	20.0		103	0-200			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1301 - * DEFAULT PREP *** **										
Calibration Check (P0B1301-CCV2)				Prepared: 02/13/20 Analyzed: 02/14/20						
Chloride	0.00		mg/kg	20.0			0-200			
Calibration Check (P0B1301-CCV3)				Prepared: 02/13/20 Analyzed: 02/14/20						
Chloride	0.00		mg/kg	20.0			0-200			
Duplicate (P0B1301-DUP1)		**Source: 0B11005-01**		Prepared & Analyzed: 02/13/20						
Chloride	9.05	1.25	mg/kg dry		12.1			29.1	20	
Duplicate (P0B1301-DUP2)		**Source: 0B11005-11**		Prepared & Analyzed: 02/13/20						
Chloride	14.2	1.04	mg/kg dry		13.7			3.65	20	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1111 - TX 1005										
Blank (P0B1111-BLK1)				Prepared & Analyzed: 02/11/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*116*		*"*	*100*		*116*	*70-130*			
Surrogate: o-Terphenyl	*62.2*		*"*	*50.0*		*124*	*70-130*			
LCS (P0B1111-BS1)				Prepared & Analyzed: 02/11/20						
C6-C12	975	25.0	mg/kg wet	1000		97.5	75-125			
>C12-C28	1150	25.0	"	1000		115	75-125			
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*50.1*		*"*	*50.0*		*100*	*70-130*			
LCS Dup (P0B1111-BSD1)				Prepared & Analyzed: 02/11/20						
C6-C12	1020	25.0	mg/kg wet	1000		102	75-125	4.37	20	
>C12-C28	1060	25.0	"	1000		106	75-125	7.82	20	
Surrogate: 1-Chlorooctane	*118*		*"*	*100*		*118*	*70-130*			
Surrogate: o-Terphenyl	*51.9*		*"*	*50.0*		*104*	*70-130*			
Calibration Blank (P0B1111-CCB1)				Prepared & Analyzed: 02/11/20						
C6-C12	13.0		mg/kg wet							
>C12-C28	6.66		"							
Surrogate: 1-Chlorooctane	*113*		*"*	*100*		*113*	*70-130*			
Surrogate: o-Terphenyl	*60.6*		*"*	*50.0*		*121*	*70-130*			
Calibration Blank (P0B1111-CCB2)				Prepared & Analyzed: 02/11/20						
C6-C12	12.2		mg/kg wet							
>C12-C28	3.46		"							
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*61.2*		*"*	*50.0*		*122*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1111 - TX 1005										
Calibration Check (P0B1111-CCV1)				Prepared & Analyzed: 02/11/20						
C6-C12	506	25.0	mg/kg wet	500		101	85-115			
>C12-C28	435	25.0	"	500		87.1	85-115			
Surrogate: 1-Chlorooctane	*109*		*"*	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*53.8*		*"*	*50.0*		*108*	*70-130*			
Calibration Check (P0B1111-CCV2)				Prepared & Analyzed: 02/11/20						
C6-C12	546	25.0	mg/kg wet	500		109	85-115			
>C12-C28	465	25.0	"	500		92.9	85-115			
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*56.5*		*"*	*50.0*		*113*	*70-130*			
Calibration Check (P0B1111-CCV3)				Prepared: 02/11/20 Analyzed: 02/14/20						
C6-C12	ND	25.0	mg/kg wet	500			85-115			
>C12-C28	ND	25.0	"	500			85-115			
Surrogate: 1-Chlorooctane	*0.00*		*"*	*100*			*70-130*			
Surrogate: o-Terphenyl	*0.00*		*"*	*50.0*			*70-130*			
Matrix Spike (P0B1111-MS1)		**Source: 0B11005-20**		Prepared: 02/11/20 Analyzed: 02/12/20						
C6-C12	915	27.5	mg/kg dry	1100	18.5	81.5	75-125			QM-05
>C12-C28	1090	27.5	"	1100	ND	98.9	75-125			QM-05
Surrogate: 1-Chlorooctane	*87.8*		*"*	*110*		*79.9*	*70-130*			
Surrogate: o-Terphenyl	*43.0*		*"*	*54.9*		*78.3*	*70-130*			
Matrix Spike Dup (P0B1111-MSD1)		**Source: 0B11005-20**		Prepared: 02/11/20 Analyzed: 02/12/20						
C6-C12	1090	27.5	mg/kg dry	1100	18.5	97.8	75-125	18.1	20	QM-05
>C12-C28	1280	27.5	"	1100	ND	116	75-125	16.2	20	QM-05
Surrogate: 1-Chlorooctane	*114*		*"*	*110*		*104*	*70-130*			
Surrogate: o-Terphenyl	*62.0*		*"*	*54.9*		*113*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1112 - TX 1005										
Blank (P0B1112-BLK1)				Prepared: 02/11/20 Analyzed: 02/12/20						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*109*		*"*	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*58.1*		*"*	*50.0*		*116*	*70-130*			
LCS (P0B1112-BS1)				Prepared: 02/11/20 Analyzed: 02/12/20						
C6-C12	993	25.0	mg/kg wet	1000		99.3	75-125			
>C12-C28	1190	25.0	"	1000		119	75-125			
Surrogate: 1-Chlorooctane	*109*		*"*	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*54.7*		*"*	*50.0*		*109*	*70-130*			
LCS Dup (P0B1112-BSD1)				Prepared: 02/11/20 Analyzed: 02/12/20						
C6-C12	974	25.0	mg/kg wet	1000		97.4	75-125	1.88	20	
>C12-C28	1160	25.0	"	1000		116	75-125	1.91	20	
Surrogate: 1-Chlorooctane	*112*		*"*	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*53.2*		*"*	*50.0*		*106*	*70-130*			
Calibration Blank (P0B1112-CCB1)				Prepared: 02/11/20 Analyzed: 02/12/20						
C6-C12	11.4		mg/kg wet							
>C12-C28	11.6		"							
Surrogate: 1-Chlorooctane	*109*		*"*	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*59.5*		*"*	*50.0*		*119*	*70-130*			
Calibration Blank (P0B1112-CCB2)				Prepared: 02/11/20 Analyzed: 02/12/20						
C6-C12	11.8		mg/kg wet							
>C12-C28	18.8		"							
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*59.1*		*"*	*50.0*		*118*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Montreal 1H
Project Number: 19-0179-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0B1112 - TX 1005										
Calibration Check (P0B1112-CCV1)				Prepared: 02/11/20 Analyzed: 02/12/20						
C6-C12	540	25.0	mg/kg wet	500		108	85-115			
>C12-C28	570	25.0	"	500		114	85-115			
Surrogate: 1-Chlorooctane	*114*		*"*	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*57.4*		*"*	*50.0*		*115*	*70-130*			
Calibration Check (P0B1112-CCV2)				Prepared: 02/11/20 Analyzed: 02/12/20						
C6-C12	527	25.0	mg/kg wet	500		105	85-115			
>C12-C28	540	25.0	"	500		108	85-115			
Surrogate: 1-Chlorooctane	*114*		*"*	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*56.2*		*"*	*50.0*		*112*	*70-130*			
Calibration Check (P0B1112-CCV3)				Prepared: 02/11/20 Analyzed: 02/12/20						
C6-C12	515	25.0	mg/kg wet	500		103	85-115			
>C12-C28	530	25.0	"	500		106	85-115			
Surrogate: 1-Chlorooctane	*112*		*"*	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*55.0*		*"*	*50.0*		*110*	*70-130*			
Matrix Spike (P0B1112-MS1)	**Source: 0B11005-24**			Prepared: 02/11/20 Analyzed: 02/12/20						
C6-C12	1040	27.5	mg/kg dry	1100	12.9	93.4	75-125			
>C12-C28	1220	27.5	"	1100	ND	111	75-125			
Surrogate: 1-Chlorooctane	*119*		*"*	*110*		*108*	*70-130*			
Surrogate: o-Terphenyl	*57.1*		*"*	*54.9*		*104*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

Notes and Definitions

S-GC1	Surrogate recovery outside of control limits. A second analysis confirmed the original results..
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 2/14/2020

Brent Barron, Laboratory Director/Technical Director

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Montreal 1H	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 19-0179-04	
Midland TX, 79710	Project Manager: Mark Larson	

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If you have received this material in error, please notify us immediately at 432-686-7235.

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№ 0973

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 2/11/2020 PAGE 1 OF 2

PO#: LAB WORK ORDER#: 0B11005

PROJECT LOCATION OR NAME: Montreal 1H

LAI PROJECT #: 19-0179-04 COLLECTOR: RO

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT W=WATER SL=SLUDGE A=AIR OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ SemiVOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ SemiVOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
Topsoil Backfill 1	1	2/10/20	12:20	S	1				X		X		X	X	X													X		
Topsoil Backfill 2	2		12:21																											
Topsoil Backfill 3	3		12:22																											
Topsoil Backfill 4	4		12:23																											
Topsoil Backfill 5	5		12:24																											
Topsoil Backfill 6	6		12:25																											
Topsoil Backfill 7	7		12:26																											
Topsoil Backfill 8	8		12:27																											
Topsoil Backfill 9	9		12:28																											
Topsoil Backfill 10	10		12:29																											
Topsoil Backfill 11	11		12:30																											
Topsoil Backfill 12	12		12:31																											
caliche Backfill 1	13		13:00																											
caliche Backfill 2	14		13:05																											
caliche Backfill 3	15		13:10																											
TOTAL	15																													

RELINQUISHED BY:(Signature) Rachel Owen DATE/TIME 2/11/20 1025 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 2/11/2020 1035 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒ 3day

LABORATORY USE ONLY:
RECEIVING TEMP: 2.7, -3.7 THERM#: CF1.62
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 7/20/2021 3:43:37 PM

Released to Imaging: 7/20/2021 2:11:28 PM

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№ 0975

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 2/11/2020 PAGE 2 OF 2

PO#: _____ LAB WORK ORDER#: 0B11005

PROJECT LOCATION OR NAME: Montreal 14

LAI PROJECT #: 19-0179-04 COLLECTOR: RO

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐	8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
caliche Backfill 4	16	2/10/20	13:11	S	1				X		X			X	X	X															X	
caliche Backfill 5	17		13:12																													
caliche Backfill 6	18		13:13																													
caliche Backfill 7	19		13:14																													
caliche Backfill 8	20		13:15																													
caliche Backfill 9	21		13:16																													
caliche Backfill 10	22		13:17																													
caliche Backfill 11	23		13:18																													
caliche Backfill 12	24	↓	13:20	↓	↓				↓		↓			↓	↓	↓															↓	

TOTAL 9

RELINQUISHED BY:(Signature) Rachel Owen DATE/TIME 2/11/20 1035 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) 2/11/20201035 DATE/TIME RECEIVED BY: (Signature)

LABORATORY:

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☒ 3day

LABORATORY USE ONLY:
RECEIVING TEMP: -2.7 -3.7 THERM#: CF162
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Received by OCD: 4/29/2021 3:43:34 PM
Released to Imaging: 7/20/2021 2:11:28 PM

Appendix C

Waste Manifests

GMI Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29021

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name JHT
Driver's Name
Address
Print Name
Phone No.
Phone No.
Truck No. 24

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 | 12-30-19 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-30-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29020

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name C + C
Address
Phone No.

Driver's Name Carlos Cereceres
Print Name
Phone No.
Truck No. 24

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

12-30-19 x Carlos Cereceres
DELIVERY DATE DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
E&P Contaminated Soil		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-30-19 GMI Kimberly Murphy
NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29019

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name Rigo Verduzco
Print Name
Phone No.
Truck No. 9

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

12-30-19 DELIVERY DATE
Rigo Verduzco DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-30-19 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29018

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name Refugio Holguin
Print Name
Phone No.
Truck No. 28

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

12-30-19 | DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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, suppart 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-30-19 GMI Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29017

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name Carlos Martinez
Print Name
Phone No.
Truck No. 4

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

12-30-19 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater Based Muds		Produced Water (Non-Injectable)		Produced Water (Injectable)	
.ater Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Produced Formation Solids		INTERNAL USE ONLY		OTHER EXEMPT WASTES	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-30-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29052

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:15 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name Samsa Cole
Print Name
Phone No.
Truck No. 24

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

12-31-19 | DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29051

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:55AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 28

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 | 12-31-19 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29050

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:50AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 03

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

12-31-19 x
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-31-19 GMI Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29048

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:50 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name L+G
Address
Phone No.

Driver's Name Carlos Cervantes
Print Name
Phone No.
Truck No. 64

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

12-31-19 | DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (injectable)	
ater 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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29027

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Lawrill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name NM Trucking
Address
Phone No.

Driver's Name Alvino Nuñez
Print Name
Phone No.
Truck No. 3

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

12-30-19 X Alvino Nuñez
DELIVERY DATE DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-30-19 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

C... Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29026

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name JHR Transport
Address
Phone No.

Driver's Name Miguel Ramos
Print Name
Phone No.
Truck No. 23

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

12-30-19 Miguel Ramos
DELIVERY DATE DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
E&P Contaminated Soil		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-30-19 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29057

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:03 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 43

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

12-31-19 DELIVERY DATE

DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater Based Muds		Produced Water (Non-Injectable)		Produced Water (Injectable)	
ater Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Produced Formation Solids		INTERNAL USE ONLY		OTHER EXEMPT WASTES	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-31-19 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICES, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29056

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montrea1 #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:01am OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name Kevin Espino
Print Name
Phone No.
Truck No. F6

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

12-31-19 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater Based Muds		Produced Water (Non-Injectable)		Produced Water (Injectable)	
ater Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Produced Formation Solids		INTERNAL USE ONLY		OTHER EXEMPT WASTES	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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 251.21-261.24, 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29055

Company Man Contact Information
Name
Phone No.

GENERATOR

'perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:00AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 69

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

12-31-19 | DELIVERY DATE | DRIVER'S SIGNATURE

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)	
'ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
,ater 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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-31-19

NAME (PRINT) | DATE | GMI TITLE | SIGNATURE

Kimberly Murphy

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29053

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montrel #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:57 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name Guillermo Mayorga
Print Name
Phone No.
Truck No. 4

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

12-31-19 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater Based Muds		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Vater Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Produced Formation Solids		INTERNAL USE ONLY		OTHER EXEMPT WASTES	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29054

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:58 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family Oilfield
Address
Phone No.

Driver's Name Rigo Verduzco
Print Name
Phone No.
Truck No. 9

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

12-31-19 Rigo Verduzco
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
'ater Based Muds		Produced Water (Non-Injectable)		Produced Water (Injectable)	
/ater Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Produced Formation Solids		INTERNAL USE ONLY		OTHER EXEMPT WASTES	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29069

Company Man Contact Information
Name
Phone No.

GENERATOR

'perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:11pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name Jamie Cole
Print Name
Phone No.
Truck No. 24

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

12-31-19 DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
'ater Based Muds		Produced Water (Non-Injectable)		Produced Water (Injectable)	
/ater Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Produced Formation Solids		INTERNAL USE ONLY		OTHER EXEMPT WASTES	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-31-19
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29073

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Newtral #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:09 pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Lawtell

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.
Driver's Name Kevin Espino
Print Name
Phone No.
Truck No. Fle

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
12-31-19 | DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29072

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:09pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 69

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 | 12-31-19 DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29071

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:06pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name Rigo Veraco
Print Name
Phone No.
Truck No. 9

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

12-31-19 | Rigo Veraco
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29070

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montrose #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:06pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name Guillermo Martinez
Print Name
Phone No.
Truck No. 4

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
12-31-19
DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
'ater Based Muds		Produced Water (Non-Injectable)		Produced Water (Injectable)	
./ater Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Produced Formation Solids		INTERNAL USE ONLY		OTHER EXEMPT WASTES	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE
DATE
SIGNATURE

Kimberly Murphy
NAME (PRINT)
12-31-19
DATE
GMI
TITLE
Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29066

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mawtreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:05pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Murillo Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 23

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

12-31-19 x
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater Based Muds		Produced Water (Non-Injectable)		Produced Water (Injectable)	
ater Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Produced Formation Solids		INTERNAL USE ONLY		OTHER EXEMPT WASTES	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29068

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:03pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 28

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

12-31-19 x Roberto Polanco
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29065

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montres / #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:04pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name C & G
Address
Phone No.

Driver's Name Carlos Carreares
Print Name
Phone No.
Truck No. 24

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

12-31-19 x Carlos Carreares
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-31-19
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GML inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29063

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:18AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family Oilfield
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. F7

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

12-31-19 DELIVERY DATE
X Jose M Lopez DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ıter Based Muds		Produced Water (Non-Injectable)		Produced Water (Injectable)	
ater Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Produced Formation Solids		INTERNAL USE ONLY		OTHER EXEMPT WASTES	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-31-19
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29062

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #11
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 9:15AM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name J&R Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 23

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

12-31-19
DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE
DATE
SIGNATURE

Kimberly Murphy
NAME (PRINT)

12-31-19
DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29060

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:14AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Juan Granados
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 1

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
		12-31-19	X Alfredo Enriquez

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE	SIGNATURE
Kimberly Murphy	12-31-19	Kimberly Murphy
NAME (PRINT)	DATE	TITLE: GMI — SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29059

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:14AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name NTM
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 3

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

12-31-19 X Divine Nurse
DELIVERY DATE DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-31-19 GMI Kimberly Murphy
NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GMI Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29058

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:10AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Juan Granados
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 10

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 | 12-31-19 DELIVERY DATE | X Roberto A. Muñoz DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29100

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:38pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name N+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 3

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

12-31-19 | DELIVERY DATE
X Arturo Nuñez | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
'ater Based Muds		Produced Water (Non-Injectable)		Produced Water (Injectable)	
ater Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Produced Formation Solids		INTERNAL USE ONLY		OTHER EXEMPT WASTES	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GML inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29103

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mowrea / #11
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:22pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. F7

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

12-31-19 X Jose M. Lopez
DELIVERY DATE DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-31-19 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29102

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montrail #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:20pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name J+R Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 23

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

12-31-19 x
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-31-19
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29098

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #14
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:20pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. F5

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 12-31-19 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29097

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:17pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name Jamisa Cole
Print Name
Phone No.
Truck No. 24

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

12-31-19 X
DELIVERY DATE DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-31-19 GMI Kimberly Murphy
NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29096

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:12pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
NORM Readings Taken? (Circle One) YES NO
Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434
If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name Kevin Espino
Print Name
Phone No.
Truck No. F6

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

12-31-19 X
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29092

Company Man Contact Information
Name
Phone No.

GENERATOR

'perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:08pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434
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

TRANSPORTER

Transporter's Name Murillo Trucking
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 23

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
12-31-19 DELIVERY DATE | X DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-31-19
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29094

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:10pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Lovington

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434
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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name Rigo Verdeza
Print Name
Phone No.
Truck No. 9

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

12-31-19 XRigo Verdeza
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-31-19
NAME (PRINT) | DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29091

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:08pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 28

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

12-31-19 x Patricia Klein
DELIVERY DATE DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-31-19
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GENERATOR

Operator No. _____
Operators Name Mack Energy
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin Lease/Well Montreal #1H
Name & No. _____
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

TRUCK TIME STAMP
IN: 11:33AM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name KVS Trucking
Address _____
Phone No. _____

Driver's Name _____
Print Name _____
Phone No. _____
Truck No. 15

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
12-31-19 DELIVERY DATE X [signature] DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: _____ *Please select from Non-Exempt Waste List on back

QUANTITY: _____ B - Barrels _____ L - Liquid 20 Y - Yards _____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____ DATE _____ SIGNATURE

Kimberly Murphy 12-31-19
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29090

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:08pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name C+G
Address
Phone No.

Driver's Name Carlos Cervantes
Print Name
Phone No.
Truck No. 24

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

12-31-19 xCarlos Cervantes
DELIVERY DATE DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-31-19 GMI Kimberly Murphy
NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29078

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:24pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name J+R Transport
Address
Phone No.

Driver's Name Miguel Arvizu
Print Name
Phone No.
Truck No. 03

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

12-31-19 | X
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29077

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:23pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Juan Granados
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 1

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

12-31-19 | Alfredo Enriquez
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29076

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:23pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name NTM
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 3

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

12-31-19 | DELIVERY DATE

X Divino Nunez | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28983

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Newtrea / #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:11AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name N+M Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 3

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

12-30-19 | X Ninna Nuñez
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-30-19
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28982

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:06AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name L+G
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 24

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

12-30-19 | DELIVERY DATE

Carlos Cisneros | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-30-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28978

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montrea / #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:00AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 9

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 | 12-30-19 DELIVERY DATE | x Rico Verduzco DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-30-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28976

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:52AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name Jamie Vo
Print Name
Phone No.
Truck No. 24

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

12-30-19 X
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-30-19
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28975

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montrea / #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:15AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 28

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

12-30-19 x
DELIVERY DATE DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-30-19 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29024

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name Ester Gordon
Print Name
Phone No.
Truck No. 69

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

12-30-19 DELIVERY DATE
X DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-30-19 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29023

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name Kevin Espino
Print Name
Phone No.
Truck No. Fle

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

12-30-19 x
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-30-19
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28912

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:51 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 4

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 | 12-24-19 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	1	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-24-19 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28914

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:53AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Juan Granados
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 12

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

12-24-19 Roberto A. Muñoz
DELIVERY DATE DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-24-19 GMI Kimberly Murphy
NAME (PRINT) DATE TITLE SIGNATURE

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28924

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 10:18AM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Juan Granados
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 1

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

12-26-19 | Alfredo Enriquez
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-26-19 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28940

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 2:36pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name D&M Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 3

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

12-26-19 | DELIVERY DATE
X Alvino Nuñez | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-26-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GMI inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28942

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 2:32pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name J+R Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 3

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 12-26-19 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-26-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GMI inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28938

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 2:31pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Musillo Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 23

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 | 12-26-19 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-26-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28939

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 2:31pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 139

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 | 12-26-19 DELIVERY DATE | x Hector Valdez DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-26-19 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28935

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 2:30pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 4

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 | 12-26-19 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-26-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28936

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 2:30pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 2

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 | 12-26-19 DELIVERY DATE | X Rigo Verdugo DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-26-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28934

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 2:27pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Juan Granados
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 60

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

12-26-19 | DELIVERY DATE
X Roberto A. Munoz | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	1	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-26-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GMI inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28974

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:45AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Murillo Trucking
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 03-482453

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
12-30-19 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-30-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28898

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:11pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Juan Granados
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 1

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

12-23-19 | Alfredo Enriquez
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-23-19 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28901

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montread #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:09pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Lavaca Hill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M Services
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 114

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

12-23-19 DELIVERY DATE DRIVER'S SIGNATURE

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)	
il Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 12-23-19 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28897

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:09pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Juan Granados
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 10

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 | 12-23-19 DELIVERY DATE | x Roberto Montoz DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-23-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28899

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #14
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:06pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name JHT LLC
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 24

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

12-23-19 | DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-23-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28900

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Newtrea #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:05pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M Services
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 139

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 12-23-19 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-23-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28896

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:04pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 4

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 | 12-23-19 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-23-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28895

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:03pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Lawrence

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 28

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
12-23-19 DELIVERY DATE
X Ketzio Holguin DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy NAME (PRINT)
12-23-19 DATE
GMI TITLE
Kimberly Murphy SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28887

Company Man/Contact Information
Name: Sergio Castillo
Phone No.

GENERATOR

Operator No.
Operators Name: Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well: Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 11:17AM OUT:

RECEIVING AREA
Name/No.: Landfill

Site Name / Permit No.: Commercial Landfarm (NM-711-1-0020)
Address: P.O. Box 1658 Roswell, NM 88202
Phone No.: 575-347-0434

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

TRANSPORTER

Transporter's Name: JHT
Address
Lovington, NM
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 28

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
12-23-19 | DELIVERY DATE
X Refugio Holguin | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-23-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28888

Company Man Contact Information
Name Sergio Castillo
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 11:20AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434
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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 4

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 | 12-23-19 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-23-19
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28889

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 11:21 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Lawdfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Juan Granados
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 6

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 | 12-23-19 DELIVERY DATE | X Robert A Munoz DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-23-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29004

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:21pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name G+C
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 24

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

12-30-19 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-30-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29003

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:20pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 4

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

12-30-19 | DELIVERY DATE
XR 190 Verde 700 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-30-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29000

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montrea / #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:19pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 28

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 | 12-30-19 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-30-19
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29002

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montrea1 #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:20pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 4

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
12-30-19 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-30-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28999

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montrea / #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:19 PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 23

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 | 12-30-19 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-30-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28920

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:18pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 69

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 | 12-24-19 DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-24-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28918

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:17pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Juan Granados
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 1

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

12-24-19 | x Alfredo Enriquez
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-24-19 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28919

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #111
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 1:17pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Juan Granados
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 10

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

12-24-19 | DELIVERY DATE
X Roberto A. Nuñez | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-24-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28917

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:11pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 4

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 | 12-24-19 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-24-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

28916

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 10:24 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 28

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 12-24-19 | DRIVER'S SIGNATURE x Refugio Holguin

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-24-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29099

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montrail #14
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 3:59pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Juan Granados
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 60

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

12-31-19 | DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 12-31-19
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29101

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:52pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Juan Granados
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 1

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 | 12-31-19 DELIVERY DATE | x Alfredo Enriquez DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 12-31-19 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29137

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:50AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 28

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
1-3-20 X Rebeca Holguin
DELIVERY DATE DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-3-20 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29138

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #11H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:57 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 4

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
1-3-20
DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE
DATE
SIGNATURE

Kimberly Murphy
NAME (PRINT)
1-3-20
DATE
GMI
TITLE
Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29139

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Newtrel #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:59AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
NORM Readings Taken? (Circle One) YES NO
Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434
If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TRANSPORTER

Transporter's Name Familys Oilfield
Address
Phone No.

Driver's Name Rigo Vasquez
Print Name
Phone No.
Truck No. 9

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

1-3-20 | x Rigo Vasquez
DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29753

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well
Name & No. Mack Energy - Newtrest 11 #4
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 164

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 1-20-20 | DRIVER'S SIGNATURE X Josaphat Castro

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-20-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GMI inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29752

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well
Name & No. Mack Energy Montreal 25 H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:55 pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 035

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

1-20-20 | DELIVERY DATE
X [signature] | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-20-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29622

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well
Name & No. Mack Energy — Nextrea 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:30pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 152

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 | 1-20-20 DELIVERY DATE | Enrique M Rueda DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-20-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29621

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Montreal 9 1H
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:29pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 23

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 1-20-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-20-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GML inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29616

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy -
Name & No. Montreal 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 10:14AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 02

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 | 1-20-20 DELIVERY DATE | XALONIC MORALES DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-20-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29613

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy -
Name & No. Montreal 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:19 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 141

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 | 1-20-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-20-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29615

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - 12
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mark Energy - Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:21 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 116 4

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

1-20-20 x Josaphat Castro
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-20-20 GMI Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29614

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mark Energy
Name & No. Newfrea 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:20 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 035

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

1-20-20

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-20-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29612

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy
Name & No. Montreal #1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:05AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 152

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

1-20-20 | X Enrique M Quezada
DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-20-20 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29611

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well
Name & No. Mack Energy Montreal SWD #14
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:04 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 03

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
1-20-20 x | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-20-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29851

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy
Name & No. Westtreat 9 H
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 4:00pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 148

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 | 1-24-20 DELIVERY DATE | DRIVER'S SIGNATURE

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)	
" Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-24-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29865

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montreal D 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:30 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
NORM Readings Taken? (Circle One) YES NO
Pass the Paint Filter Test? (Circle One) YES NO

Phone No. 575-347-0434
If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name Adan Mon
Print Name
Phone No.
Truck No. 03

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

1-28-20 X
DELIVERY DATE | DRIVER'S SIGNATURE

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	1	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29866

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montreal 9 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 9:21AM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 148

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 | 1-28-20 DELIVERY DATE | Ignacio Rodriguez DRIVER'S SIGNATURE

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)	
Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29867

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Pawtreat 33 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:23AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 126

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 | 1-28-20 DELIVERY DATE | DRIVER'S SIGNATURE

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)	
Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29868

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mark Energy - Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 9:24AM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 139

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

1-28-20 DELIVERY DATE
Rafael Hernandez DRIVER'S SIGNATURE

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-28-20
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29869

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select-P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mark Energy - Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:27AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 141

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

1-28-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | 01-28-20 DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29878

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy
Name & No. Newtreat 17H
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:15pm OUT:

RECEIVING AREA
Name/No. Lawhill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name Adan Murillo
Print Name
Phone No.
Truck No. 03

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 | 1-28-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29879

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Pentreat 10 FH
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:39 PM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 126

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 | 1-28-20 DELIVERY DATE | DRIVER'S SIGNATURE

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)	
Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29880

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy Montreal 34H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:43pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 148

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

1-28-20 DELIVERY DATE
Ignacio Rodriguez DRIVER'S SIGNATURE

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)	
Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (injectable)	
er 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-28-20 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29881

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select-P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Mortal 16H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:44pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 139

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

1-28-20 DELIVERY DATE
Rafael Arroyo DRIVER'S SIGNATURE

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)	
" Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy NAME (PRINT)
1-28-20 DATE
GMI TITLE
Kimberly Murphy SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29882

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy Montrose 11H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:55pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 141

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

1-28-20 X Rolando Lopez
DELIVERY DATE | DRIVER'S SIGNATURE

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)	
Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), Ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-28-20
NAME (PRINT) | DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29883

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mark Energy - Montreal 35 H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:15pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 377

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

1-28-20 DELIVERY DATE | Mario Armendariz DRIVER'S SIGNATURE

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-28-20 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29884

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montreal 15 H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 4:09 PM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name Adan Madrid
Print Name
Phone No.
Truck No. 23

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

1-28-20 DELIVERY DATE

DRIVER'S SIGNATURE

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-28-20 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29885

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montreal 11 H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 4:15 OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 126

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 | 1-28-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29886

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - PR
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy -
Name & No. Pearsall 1H 30
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:12 pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 148

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

1-28-20 | Ignacio Marquez
DELIVERY DATE | DRIVER'S SIGNATURE

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)	
" Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29887

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Newtrest 14
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:15 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 139

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 1-28-20 | DRIVER'S SIGNATURE Rafael Hara

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)	
' Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29888

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montreal 11H 33
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:23PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 141

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 | 1-28-20 DELIVERY DATE | DRIVER'S SIGNATURE

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)	
Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
er 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy (NAME (PRINT)) 1-28-20 (DATE) GMI (TITLE) Kimberly Murphy (SIGNATURE)

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29910

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Mowtread 5/14
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 8:37AM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 148

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
1-29-20 | DELIVERY DATE
X Ignacio Rodriguez | DRIVER'S SIGNATURE

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)	
' Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29889

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montreal 21H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 8:39AM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. [redacted] 139

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 1-29-20 | DRIVER'S SIGNATURE x Rafael Haros

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)	
Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29911

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy
Name & No. Newfield 3 14
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:51 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 141

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

1-29-20 x Rolando Salazar G.
DELIVERY DATE | DRIVER'S SIGNATURE

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29912

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montreal 33 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 8:57AM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name Adan Murillo
Print Name
Phone No.
Truck No. 23

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 1-29-20 | DRIVER'S SIGNATURE

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)	
Other Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29916

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy 11H
Name & No. Montreal
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:18pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 148

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 | 1-29-20 DELIVERY DATE | x Ignacio Rodriguez DRIVER'S SIGNATURE

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)	
Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICES INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29917

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy
Name & No. Montreal Unit
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:19pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 139

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

1-29-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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)	
' Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29918

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Pearl Frost 35 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:30pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 141

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 1-29-20 | DRIVER'S SIGNATURE x Rolando Ruiz-G

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29919

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy Montreal 9 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:36pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name Victor Mora
Print Name
Phone No.
Truck No. 23

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.

1-29-20 x
SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE

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	
' Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-29-20 GMI Kimberly Murphy
NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29923

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Pearsall 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 4:10 pm OUT:

RECEIVING AREA
Name/No. Landfill C

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 148

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
1-29-20
DELIVERY DATE
DRIVER'S SIGNATURE

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	
' Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE
DATE
SIGNATURE

Kimberly Murphy
NAME (PRINT)
1-29-20
DATE
GMI
TITLE
Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29924

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Mewbourne Fed 1H 29
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:07PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 139

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 | 1-29-20 DELIVERY DATE | Richard Amos DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29925

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Newfrea 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:17 PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 141

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
1-29-20 x Rolando Nolan-G
DELIVERY DATE
DRIVER'S SIGNATURE

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)	
[illegible] Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
[illegible]ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE
DATE
SIGNATURE

Kimberly Murphy 1-29-20
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29926

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select-P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well
Name & No. Mack Energy Montreal WIH
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:25 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name Adan Murillo
Print Name
Phone No.
Truck No. 23

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 | 1-29-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-29-20 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29851

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Montreal 5H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:00pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 148

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 1-24-20 | DRIVER'S SIGNATURE

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-24-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29865

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Montreal 19 TR
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:30 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name Adan Mon
Print Name
Phone No.
Truck No. 03

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

1-28-20 | DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29866

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montreal 33 H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 9:20 AM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R + M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 148

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 | 1-28-20 DELIVERY DATE | Ignacio Rodriguez DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29867

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy
Name & No. Newfrea 33 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:23AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 126

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 1-28-20 | DRIVER'S SIGNATURE

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)	
' Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29868

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:24AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name RTM
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 139

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

1-28-20 x Rafael Hern
DELIVERY DATE DRIVER'S SIGNATURE

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)	
" Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (injectable)	
ter 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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), Ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-28-20
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29869

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select-P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mark Ewell 4
Name & No. Newtrea 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:27AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 141

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

1-28-20 DELIVERY DATE
Rolando Luloaga DRIVER'S SIGNATURE

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE

01-28-20
DATE

Rolando Luloaga
SIGNATURE

Kimberly Murphy
NAME (PRINT)

1-28-20
DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29878

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - 02
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mark Energy - Newtread 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:15PM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name Adan Murillo
Print Name
Phone No.
Truck No. 03

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

1-28-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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)	
Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29879

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Newtreat 11H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:39pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 12L

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

1-28-20 x
DELIVERY DATE | DRIVER'S SIGNATURE

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29880

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy
Name & No. Montreal 9 #4
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:43pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 148

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

1-28-20 | Ignacio Rodriguez
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29881

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select-R2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy Mortcal NSH
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:44pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 139

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
1-28-20 x Robert Amos
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29882

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montreal 10 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:55pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 141

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 | 1-28-20 DELIVERY DATE | X Rolando Nuñez DRIVER'S SIGNATURE

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)	
" Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-28-20
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29883

Company Man Contact Information
Name
Phone No.

GENERATOR

arator No.
Operators Name Select-PR
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mark Energy - Montreal 19 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:35pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 377

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

1-28-20 DELIVERY DATE
X Mario Armendariz DRIVER'S SIGNATURE

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy NAME (PRINT) 1-28-20 DATE GMI TITLE Kimberly Murphy SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29884

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - 12
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Northeast SWD
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:09 PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Murillo
Driver's Name Adan Mudt
Address
Print Name
Phone No.
Phone No.
Truck No. 23

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.

1-28-20 (SHIPMENT DATE) (DRIVER'S SIGNATURE) 1-28-20 (DELIVERY DATE) (DRIVER'S SIGNATURE)

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy (NAME (PRINT)) 1-28-20 (DATE) GMI (TITLE) Kimberly Murphy (SIGNATURE)

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29885

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy -
Name & No. Montreal 11 #2
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:15 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 126

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 | 1-28-20 DELIVERY DATE | DRIVER'S SIGNATURE

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29886

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - PZ
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy -
Name & No. Pastrea 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:12 pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name RTM
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 148

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

1-28-20 | DELIVERY DATE
Ignacio Marquez | DRIVER'S SIGNATURE

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)	
Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29887

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mark Energy - Montreal 1H2
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:15 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 139

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

1-28-20 | DELIVERY DATE
x Rafael Hara | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-28-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GMI inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29888

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Newtread 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:23PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 141

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
1-28-20 DELIVERY DATE DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-28-20 GMI Kimberly Murphy
NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GMI inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29910

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well
Name & No. Mack Energy - Mowtread 1H
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 8:37AM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 148

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
1-29-20 | DELIVERY DATE
X Ignacio Rodriguez | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29889

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Montreal Unit
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:39AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. [illegible] 139

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 1-29-20 | DRIVER'S SIGNATURE x Rafael Haros

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)	
Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29911

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Mewbourne 33 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:51 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 141

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 1-29-20 | DRIVER'S SIGNATURE Rolando Salazar

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29912

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Montreal 33 #4
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 8:57AM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name Adan Murillo
Print Name
Phone No.
Truck No. 23

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

1-29-20 x
DELIVERY DATE DRIVER'S SIGNATURE

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-29-20 GMI Kimberly Murphy
NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29916

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Pentrest 9 1H
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:18pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 148

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 | 1-29-20 DELIVERY DATE | Donald Rodriguez DRIVER'S SIGNATURE

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)	
Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29917

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Montreal Unit
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:19pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 139

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 | 1-29-20 DELIVERY DATE | Robert Harris DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29918

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Montreal 9 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP IN: 12:30pm OUT:

RECEIVING AREA Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 141

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 | 1-29-20 DELIVERY DATE | x Rolando Ruiz-G DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29919

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name: Select - 22
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well: Mack Energy
Name & No.: Montreal 11H
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:30pm OUT:

RECEIVING AREA
Name/No.: Landfill

Site Name / Permit No.: Commercial Landfarm (NM-711-1-0020)
Address: P.O. Box 1658 Roswell, NM 88202
Phone No.: 575-347-0434

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

TRANSPORTER

Transporter's Name: Murillo
Address
Phone No.

Driver's Name: Adan Mtz
Print Name
Phone No.
Truck No.: 23

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

1-29-20 x
DELIVERY DATE | DRIVER'S SIGNATURE

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)	
Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-29-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29923

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select-P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Westtrail 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 4:00 pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 148

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
1-29-20
DELIVERY DATE
DRIVER'S SIGNATURE

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	
Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE
DATE
SIGNATURE

Kimberly Murphy
NAME (PRINT)
1-29-20
DATE
GMI
TITLE
Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29924

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well
Name & No. Mack Energy - Montreal 11 H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:07pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 139

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
1-29-20 DELIVERY DATE
x Patrick Hanes DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-29-20 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29925

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well
Name & No. Mack Energy - Montrose 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:17 PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 141

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 | 1-29-20 DELIVERY DATE | DRIVER'S SIGNATURE

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)	
' Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-29-20
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29926

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well
Name & No. Mack Energy - Montreal 9 JH
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:25 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name Adan Murillo
Print Name
Phone No.
Truck No. 23

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 | 1-29-20 DELIVERY DATE | DRIVER'S SIGNATURE

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)	
Synthetic Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-29-20 GMI Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29281

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy -
Name & No. Montreal 1H 99
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:15pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name J+R Trucking
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 03

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.

1-8-20 — SHIPMENT DATE
DRIVER'S SIGNATURE
DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE — DATE — SIGNATURE

Kimberly Murphy — NAME (PRINT)
1-8-20 — DATE
GMI — TITLE
Kimberly Murphy — SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29297

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Penrose 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:49pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 139

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

1-8-20 | K German Nerdin
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-8-20 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29296

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy -
Name & No. Montreal 1H 29
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:55 PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 235

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 | 1-8-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-8-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29295

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montrea THD
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:50 PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name J+R Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 23

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 | 1-8-20 DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-8-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29294

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy -
Name & No. Montreal 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:47PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name Alon
Address
Phone No.

Driver's Name Jaime
Print Name
Phone No.
Truck No. 11

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 1-8-20 | DRIVER'S SIGNATURE X

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-8-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29293

Company Man Contact information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well
Name & No. Mack Energy - Montreal 1H 2
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:47 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 03

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 | 1-8-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-8-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29292

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well
Name & No. Mack Energy - Montreal 11H 29
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:45 PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name N + M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 3

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

1-8-20 | X Arino Nuñez
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-8-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29291

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:47 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Dog Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 7

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

1-8-20 | DELIVERY DATE
x Cesar Sosa | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-8-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29290

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy -
Name & No. Montreal 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:24 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 4

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

1-8-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-8-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29289

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well
Name & No. Mack Montreal Energy - 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:29 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. F1

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

1-8-20 DELIVERY DATE | X DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy NAME (PRINT) | 1-8-20 DATE | GMI TITLE | Kimberly Murphy SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29288

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Montreal 1H #2
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:00 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 02

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

1-8-20 | X Alonso morales
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-8-20 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

Civil inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29287

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy -
Name & No. Newfrea 1H30
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 4:00 OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R + M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 136

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
1-8-20
DELIVERY DATE
X
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE
DATE
SIGNATURE

Kimberly Murphy
NAME (PRINT)
1-8-20
DATE
GMI
TITLE
Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GMI inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29286

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Montreal 1H03
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:00 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name C+G
Address
Phone No.

Driver's Name Carlos Cerecerer
Print Name
Phone No.
Truck No. C4

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

1-8-20 DELIVERY DATE
Carlos Cerecerer DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy NAME (PRINT)
1-8-20 DATE
GMI TITLE
Kimberly Murphy SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29323

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select P2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well MACK SWSW4
Name & No. Montreal 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Land Fill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Ram
Address
Phone No.

Driver's Name ESKER Gordon
Print Name
Phone No.
Truck No. 69

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

01-9-20 DELIVERY DATE | X DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

José M Cabrera 01-9-20
NAME (PRINT) DATE

GMI
TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29319

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select P2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy
Name & No. Montreal 1-17
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:08 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Land Fill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 136

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
01-09-20 X
DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE
DATE
SIGNATURE

Oscar Baeza 1-9-20 GMI

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29318

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No. Select-12
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Montreal 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:08 Am OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Allen Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 4

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

01-09-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

OSCAR Baeza | 1-9-20 | GMI | [signature]

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29317

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select P2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Montreal 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:10 Am OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Land Fill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name RJM
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 139

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
01-09-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Dick J Bacon | 1-9-20 | GMI | TITLE | SIGNATURE

NAME (PRINT) | DATE

SUPERIOR PRINTING SERVICE, INC.

GMI inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29316

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - P2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well mack Ernest
Name & No. mentrel 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:11AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Land Fill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name DAS Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 7

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

01-08-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Wayne Dacus | 1-9-20 | GMI | SIGNATURE

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29315

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - P2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well mack Energy
Name & No. montreal 1-14
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:14 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. land farm 1

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo TR
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 03

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 | 01-09-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Oscar Baeza | 1-9-20 | GMI | SIGNATURE

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29314

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - 12
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Montreal 19
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:14 Am OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name CTG Trucking
Address
Phone No.
Driver's Name Carlos Cereceres
Print Name
Phone No.
Truck No. C4

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
01-09-20 | Carlos Cereceres
DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Oscar Baeza | 1-9-20 | GMI | Oscar Baeza
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GVL inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29313

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No. Select P2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Montrea / 8 H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:00 pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Land Fill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name RAM Services
Address Hobbs NM
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 130

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 | 01-09-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

NAME (PRINT)	DATE	TITLE	SIGNATURE
Oscar Baca	1-9-20	GMI	

SUPERIOR PRINTING SERVICE, INC.

GMI inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29312

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select P2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Montreal 11H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: Lovington OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name A M Transport
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 4

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 | 01-09-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Oscar Baca | 1-9-20 | GMI | SIGNATURE

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29311

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select PQ
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Montreal 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:00pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name DCS Trucking
Address
Phone No.

Driver's Name Oscar Saenz
Print Name
Phone No.
Truck No. 207

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 1-9-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

NAME (PRINT)	DATE	TITLE	SIGNATURE
Oscar Baeza	1-9-20	GMI	

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29310

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select P2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Mowtrail 14
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:00 pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Land Fill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Murillo Trucking
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 03

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
01-09-20
DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE
DATE
SIGNATURE

OSCAR Baca
NAME (PRINT)
1-9-20
DATE
GMI
TITLE
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GMI inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29309

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select- 02
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy
Name & No. Montreal 1 H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:20pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name C & G
Address
Phone No.

Driver's Name C & G
Print Name
Phone No.
Truck No. C 4

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

01-09-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Oscar Baca 1-9-20 GMI

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GMI inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29308

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No. Select P2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Magic Energy
Name & No. Montreal 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:00pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R & M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 139

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

01-09-20 | J Freeman (Rend WI)
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
E&P Contaminated Soil	6				
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

OSCAR Bloom | 1-9-20 | GMI | Oscar
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29303

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select-P2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Montreal 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Land Fill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R&M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 139

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
1-9-20 | DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

OSCAR Baeza | 1-9-20 | GMI | Oscar B
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29331

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy
Name & No. Montreal 1-H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name REM
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 136

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
1-9-20
DELIVERY DATE
DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), Ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE
DATE
SIGNATURE

Nathan Mashen
NAME (PRINT)
1-9-20
DATE
GMI
TITLE
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29307

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select-P-2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Montrel 1-14
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 4:37 OUT:

RECEIVING AREA
Name/No. landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 4

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 | 1-9-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Oscar Baeza | 1-9-20 | GMI | Oscar Baeza

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29328

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack energy
Name & No. Montreal 1 H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:52 PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Land RII

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name C & G trucking
Address
Phone No.

Driver's Name Carlos Cereceres
Print Name
Phone No.
Truck No. C4

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 | 1-9-20 DELIVERY DATE | Carlos Cereceres DRIVER'S SIGNATURE

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/Flowback (Non-injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Nathan Maches 1-9-20 | GMI | [signature]

NAME (PRINT) DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29329

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - P2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack energy
Name & No. Montreal 1-H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:52 PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo Tk
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 03

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 | 1-9-20 DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Nathan Macken 1-9-20
NAME (PRINT) DATE

GMI
TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29306

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. select - P2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well: mack Energy
Name & No.: Morrison #14
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:52PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Land Fill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name Dog trucking
Address
Phone No.

Driver's Name Cesar Saa
Print Name
Phone No.
Truck No. 207

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 | 1-9-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Oscar Baeza | 1-9-20 | GMI | TITLE | SIGNATURE

NAME (PRINT) | DATE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29332

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select-PL
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Montreal 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:49AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name RM Transport
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 2264

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 | 1-19-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Nathan Mackey 1-19-20
NAME (PRINT) DATE

GMI
TITLE

SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29330

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin: Lease/Well Mack Energy
Name & No. Monfreal 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:26AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name RAM Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 3035

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 | 1-10-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Matthew Mackey 1-10-20 | GMI | [signature]

NAME (PRINT) DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29327

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack energy
Name & No. Montreal 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:25 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R&M Services
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 136

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

1-10-20 x
DELIVERY DATE ~~DRIVER'S~~ SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Nathan Mackey 1-10-20 GMI
NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29304

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - P2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Montrel 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:52pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Land Fill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name ~~E&G~~ R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. C4 136

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 | 1-10-20 DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Oscar Baeza | 1-10-20 | GMI | [signature]

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29305

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select P-2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy
Name & No. Montreal 14
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:59pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name ~~Martha Trucking~~ R&M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 035

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

1-10-20 x Oscar Soto
DELIVERY DATE DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Oscar Baeza 1-10-20 GMI
NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29333

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack energy
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:00pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family's oilfield RTM
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. FH69

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 | 1-9-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Nathan Mackey | 1-9-20 | GMI | [signature]

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29379

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. SELECT - P2
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin: Lease/Well MACK ENERGY
Name & No. MONTREAL #1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. LAND FILL

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R + M.
Address
Phone No.

Driver's Name Oscar Soto
Print Name Oscar Soto
Phone No. 432-935-4281
Truck No. 035

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

1-13-20 | Oscar Soto
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

JOSE GASCA | 01-13-20 | GMI | Jose Q. Gasca
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29758

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well
Name & No. Mack Energy Montreal 25 #4
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name Adan Murillo
Print Name
Phone No.
Truck No. 23

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

1-20-20 x
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-20-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29760

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mark Energy Montreal 9 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 035

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 | 1-20-20 | DELIVERY DATE | Jose Soto | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-20-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29762

Company Man Contact Information
Name
Phone No.

GENERATOR

perat . No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name A+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 02

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

1-20-20 XALONIO MORALES
DELIVERY DATE DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-20-20 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29759

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mark Energy Portrea 10H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 152

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

1-20-20 Enrique M Quezada
DELIVERY DATE DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-20-20 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29761

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montreal 16 #1
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name Josaphat Castro
Print Name
Phone No.
Truck No. 163

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

1-20-20 | Josaphat Castro
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-20-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29837

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Name & No. Mack Energy Montreal 15 #1H
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 10:23AM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R&M Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 148-42929

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

1-24-20 | DELIVERY DATE

X Ignacio Rodriguez | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-24-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29841

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy
Name & No. Newtreal U #14
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:57pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 148

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

1-24-20 | Ignacio Rodriguez
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-24-20 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29373

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mark Energy Montreal 9 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 9:12AM OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 033

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 1-13-20 | DRIVER'S SIGNATURE Oscar Soto

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-13-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29376

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select PR
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well
Name & No. Mack Energy Montreal 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:25pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 035

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
1-13-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-13-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29359

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well
Name & No. Mack Energy - Montreal 25 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:15pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 69

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 1-10-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-10-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29358

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well
Name & No. Mack Energy Montreal 9/14
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:10pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 035

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

1-10-20 | DELIVERY DATE
Oscar Soto | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-10-20
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GML inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29357

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Montrail D/14
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R & M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 136

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 | 1-10-20 DELIVERY DATE | X DRIVER'S SIGNATURE

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)	
Oil Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-10-20
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29755

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mark Energy -
Name & No. Montreal #1
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 1:07pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name A+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 302

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

1-20-20 X ALONSO MORALES
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-20-20
NAME (PRINT) | DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29205

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name C+G
Address
Phone No.

Driver's Name Carlos Carreras
Print Name
Phone No.
Truck No. 64

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 1-16-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-16-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29203

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #14
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 69

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 1-6-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-6-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29194

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #14
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. [redacted] 136

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 1-6-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-6-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29206

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 02

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
1-6-20 | X Alonso Montes
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-6-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29204

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name RDR
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 516

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 1-16-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-16-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29221

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. MACK
Location of Origin Lease/Well Montreal # 1H
Operators Name
Name & No.
Address
County
API No.
City, State, Zip
Rig Name & No.
Phone No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:25 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name SHT
Driver's Name
Address
Print Name
Phone No.
Phone No.
Truck No. 24

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 | 1-7-20 DELIVERY DATE | X DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Rich Schwesow 1-7-20
NAME (PRINT) DATE

GMI
TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29222

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. MAC
Operators Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well MONTREAL 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:36 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. LANDFILL

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
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
1-7-20 DELIVERY DATE | x DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Rick Schnase 1-7-20 GMI
NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29223

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mark
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:36AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name C+G
Address
Phone No.

Driver's Name Carlos Cereceres
Print Name
Phone No.
Truck No. C4

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
		1-7-20	Carlos Cereceres

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE	SIGNATURE
Kimberly Murphy	1-7-20	Kimberly Murphy
NAME (PRINT)	DATE	TITLE: GMI — SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29224

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:40AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 035

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 | 1-7-20 DELIVERY DATE | x Drew Soto DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29225

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:55AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 136

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 1-7-20 | DRIVER'S SIGNATURE

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)	
Iter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29226

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mowtrel 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:59 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murrillo
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No 23

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

1-7-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29227

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:01AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name DOG Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 7

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 | 1-7-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29228

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:02AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name Guillermo Montoya
Print Name
Phone No.
Truck No. 4

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

1-7-20 | DELIVERY DATE

DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29229

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:03AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Alon
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 11

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 1-7-20 | DRIVER'S SIGNATURE X Jaime

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29230

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:05 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 126

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

1-7-20 | DELIVERY DATE
K Gomez Newell | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29231

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 11H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:06AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name [illegible] AM
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 02

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 | 1-7-20 DELIVERY DATE | K Alonso Morales DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME(PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29232

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - P2
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 11:33AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 24

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

1-7-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29233

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - P2
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 11:50AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 69

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 | 1-7-20 DELIVERY DATE | X DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29234

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - P2
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 11:50AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name C + C
Address
Phone No.

Driver's Name Carlos Cereceres
Print Name
Phone No.
Truck No. C4

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

1-7-20 | Carlos Cereceres
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29235

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - P2
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: 12:11pm OUT:

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 035

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

1-7-20 | DELIVERY DATE
X Oscar Soto | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29236

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - P2
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:15pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 136

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 1-7-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-7-20 GMI Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29239

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No. Select - P2
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 11H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:15pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 4

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

1-7-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29240

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - P2
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:16pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Alon
Address
Phone No.

Driver's Name Jimmy
Print Name
Phone No.
Truck No. 11

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

1-7-20 X
DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ter Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberley Murphy 1-7-20
NAME (PRINT) DATE

GMI
TITLE

Kimberley Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29242

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - P2
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:16pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 02

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

1-7-20 | X Alonso Morales
DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29241

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - P2
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:17pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 1226

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

1-7-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29238

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - P2
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:17pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Dog Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 7

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

1-7-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29237

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No. Select - P2
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:17pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 03

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
1-7-20
DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE
DATE
SIGNATURE

Kimberly Murphy
NAME (PRINT)
1-7-20
DATE
GMI
TITLE
Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29247

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Bonfresp 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:01 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 136

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

1-7-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (injectable)	
ıter Based Muds		Produced Water (Non-Injectable)		Produced Water (Injectable)	
,ater Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Produced Formation Solids		INTERNAL USE ONLY		OTHER EXEMPT WASTES	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29252

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Montreal TB 9
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:01 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Dog Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 7

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

1-7-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29249

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well
Name & No. Mack Energy - Montreal 19 H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:01 PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Alon
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 11

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
1-7-20 | X
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29253

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montrea 33/34
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:00PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 03

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

1-7-20 X
DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29251

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well
Name & No. Mack Energy Montrest 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:46 pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 126

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

1-7-20
DELIVERY DATE
DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy — NAME (PRINT)
1-7-20 — DATE
GMI — TITLE
Kimberly Murphy — SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29244

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Montreal 29 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name C + C
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 23

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

1-7-20 x Carlos Cervantes
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29246

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Westfeat D/H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:41 P.M OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 035

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 | 1-7-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-7-20 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29245

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Name & No. Mack Energy Montrea 2 11H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:45 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name R + M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 69

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 1-7-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29250

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montreal 11H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:46 PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 02

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

1-7-20 | X ALONSO MORALES
DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29248

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mark Energy -
Name & No. Mawtread 9 1H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:46 PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 4

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 1-7-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29243

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Montreal 24H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3:10PM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name Tamra Cole
Print Name
Phone No.
Truck No 24

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

1-7-20 | Tamra Cole
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-7-20 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29257

Company Man Contact Information
Name Noel Gomez
Phone No.

GENERATOR

perator No.
Operators Name EOG Y
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Dwight "42I" st com. #1
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 3135 OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Republic
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 03

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
1-7-20 | Ruben Rodriguez
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 12 Y - Yards E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Nathan Machen | 1-7-20 | GMI | [signature]
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29258

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No. Select - P2
Operators Name Mack E
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Newtread 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:40AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 136

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
1-8-20

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms	✓	Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-8-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29259

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mack Energy - Newtread 1 TH
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:41 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name AM
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 02

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
1-8-20 | X Alonso Morales
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-8-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29260

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy -
Name & No. Montrose 2H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:58AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name C+G
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 64

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 | 1-8-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-8-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29261

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Mayfield 1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:39AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name Guillermo Martin
Print Name
Phone No.
Truck No. 4

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

1-8-20 | DELIVERY DATE
X [signature] | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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)

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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.)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-8-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29262

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Select - P2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy - Montreal 31H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:59AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. F7

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

1-8-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-8-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29263

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Select - Pe2
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Mack Energy -
Name & No. Montreal 15H
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:00AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Dog Trucking
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 7

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

1-8-20 DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil		Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-8-20
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29140

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:00AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 69

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 | 1-3-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29141

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Newtread #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:01 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. F7

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

1-3-20 | Victor M. Lopez
DELIVERY DATE | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29143

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:12AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name C+C
Address
Phone No.

Driver's Name Carlos Cervantes
Print Name
Phone No.
Truck No. C4

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

1-3-20 | Carlos Cervantes
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29142

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montrail #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:12AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 03

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 1-3-20 | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	1	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29144

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:14 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name N+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 3

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

1-3-20 X Alvino Nuñez
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-3-20
NAME (PRINT) | DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29146

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Newtreal #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:16AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name ROR
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 3

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

1-3-20 | DELIVERY DATE
Rosbaldo E. | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29145

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:16AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name RDR
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 32

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

1-3-20 DELIVERY DATE
X DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-3-20
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29147

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:50pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 28

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

1-3-20 DELIVERY DATE

x Refugio Rolon DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-3-20
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29148

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:30pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name Guillermo Zapata
Print Name
Phone No.
Truck No. 4

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

1-3-20 DELIVERY DATE

DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy NAME (PRINT)

1-3-20 DATE

GMI TITLE

Kimberly Murphy SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29149

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:53pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name Rigo Vargas
Print Name
Phone No.
Truck No. 4

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

1-3-20 Rigo Vargas
DELIVERY DATE DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-3-20
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29150

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:53pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 69

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 1-3-20 | X DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29151

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:54pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family Oilfield
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 47

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

1-3-20 Jose M. Lopez
DELIVERY DATE DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-3-20 GMI Kimberly Murphy
NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29152

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:58pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name C+C
Address
Phone No.

Driver's Name Carlos Cerecares
Print Name
Phone No.
Truck No. C4

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

1-3-20 | Carlos Cerecares
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29153

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:00pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 23

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 1-3-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29154

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:02pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name N+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 3

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

1-3-20 x Alvino Nuñez
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-3-20
NAME (PRINT) | DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29155

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1:02pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name RDR
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 3

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
1-3-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29156

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 1102pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name RDR
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 56

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
1-3-20
DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE
DATE
SIGNATURE

Kimberly Murphy
NAME (PRINT)
1-3-20
DATE
GMI
TITLE
Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GMI inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29169

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:20pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Lawhill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name JHT
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 28

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 | 1-3-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29171

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:22pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name Rigo Verduzco
Print Name
Phone No.
Truck No. 9

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

1-3-20 DELIVERY DATE
Rigo Verduzco DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-3-20
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29172

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:23pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 69

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

1-3-20
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29170

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #14
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:22pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name AM Transport
Address
Phone No.

Driver's Name Guillermo Morales
Print Name
Phone No.
Truck No. 4

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

1-3-20 DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

Kimberly Murphy 1-3-20 GMI Kimberly Murphy

NAME (PRINT) DATE TITLE SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29173

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:23pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Family's Oilfield
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. F7

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

1-3-20 | Jose U Lopez
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29174

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:24pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name C+C
Address
Phone No.
Driver's Name Carlos Cervantes
Print Name
Phone No.
Truck No. 24

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
1-3-20 | Carlos Cervantes
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29175

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:33pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name Murillo
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 23

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 1-3-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29176

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Newton #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:39pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Lea Land Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name D+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 3

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

1-3-20 DELIVERY DATE | Adrian Nuñez DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-3-20 GMI Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29178

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:39pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name RDR
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 56

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
1-3-20
DELIVERY DATE
DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE
DATE
SIGNATURE

Kimberly Murphy
NAME (PRINT)
1-3-20
DATE
GMI
TITLE
Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29177

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montrea #114
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 4:39pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name RDR
Address
Phone No.

Driver's Name
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 | 1-3-20 DELIVERY DATE | Yoshua e. DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-3-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICES, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29180

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Newton #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:50AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 69

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 1-16-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-16-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29181

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:52AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name C+C
Address
Phone No.

Driver's Name Carlos Carreres
Print Name
Phone No.
Truck No. C4

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

1-6-20 | Carlos Carreres
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-6-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29182

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 8:53AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name RSR
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 56

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 1-6-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-6-20 | GMI | Kimberly Murphy

NAME (PRINT) DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29183

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Mastead #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:13AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 141

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 1-16-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-16-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29184

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:13AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name R+M
Address
Driver's Name
Print Name
Phone No.
Phone No.
Truck No. 206

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 | 1-6-20 DELIVERY DATE | X Roman Hopper DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-6-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29185

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:14AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 62

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

1-6-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

Alan
(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-6-20 | GMI | Kimberly Murphy
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29186

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:15 AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 136

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 1-6-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-6-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29187

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 9:16AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 035

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

1-16-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-16-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29192

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 11:59AM OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 69

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 | 1-6-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-6-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29189

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:00pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name RDR
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 56

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 1-6-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-6-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29188

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:00pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202

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

TRANSPORTER

Transporter's Name C+C
Address
Phone No.

Driver's Name Carter Carrera
Print Name
Phone No.
Truck No. C4

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

1-6-20 | Carter Carrera
DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-6-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29195

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montcal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:01pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 02

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

1-6-20 | DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-6-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29196

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:02pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Address P.O. Box 1658 Roswell, NM 88202
Phone No. 575-347-0434

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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 12

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 1-6-20 | DRIVER'S SIGNATURE

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)	
ater Based Muds		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
E&P Contaminated Soil	✓	Truck Washout (Exempt Waste)		(Types and generation process of the 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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-6-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29197

Company Man Contact Information
Name
Phone No.

GENERATOR

perator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:13pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 235

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 | 1-6-20 DELIVERY DATE | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ater 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: B - Barrels L - Liquid 20 Y - Yards E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-6-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29193

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: 12:16pm OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R&M
Address
Phone No.
Driver's Name
Print Name
Phone No.
Truck No. 136

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 1-16-20 | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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. (Gandy Marley, Inc. accepts certifications on a per month only basis.)

☐ 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-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety. (The order, documentation of non-hazardous waste determination and a description of the waste must accompany this form.)

(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-16-20 | GMI | Kimberly Murphy

NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GML Inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29208

Company Man Contact Information
Name
Phone No.

GENERATOR

erator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

Site Name / Permit No. Commercial Landfarm (NM-711-1-0020)
Phone No. 575-347-0434
Address P.O. Box 1658 Roswell, NM 88202
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

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 035

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 1-16-20 | DRIVER'S SIGNATURE

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)	
Based Cuttings		Completion Fluid/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
ter 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	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
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 analyzed and be below the threshold limits for toxicity (TCLP), ignition, corrosiveness, and reactivity.)

Non-Exempt Other: *Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

C-138

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(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy 1-16-20
NAME (PRINT) DATE

GMI
TITLE

Kimberly Murphy
SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

GM inc.

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST / DISPOSAL TICKET

29207

Company Man Contact Information
Name
Phone No.

GENERATOR

Operator No.
Operators Name Mack Energy
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well Montreal #1H
Name & No.
County
API No.
Rig Name & No.
AFE/PO No.

TRUCK TIME STAMP
IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA
Name/No. Landfill

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Pass the Paint Filter Test? (Circle One) YES NO
If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TRANSPORTER

Transporter's Name R+M
Address
Phone No.

Driver's Name
Print Name
Phone No.
Truck No. 126

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

1-6-20 | DELIVERY DATE
K Gonzales | DRIVER'S SIGNATURE

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/Flowback (Non-Injectable)		Completion Fluid/Flowback (Injectable)	
Water Based Muds		Produced Water (Non-Injectable)		Produced Water (Injectable)	
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Produced Formation Solids		INTERNAL USE ONLY		OTHER EXEMPT WASTES	
Tank Bottoms		Truck Washout (Exempt Waste)		(Types and generation process of the waste)	
E&P Contaminated Soil	✓				
Gas Plant Waste					

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Non-Exempt Other:
*Please select from Non-Exempt Waste List on back

QUANTITY: ____ B - Barrels ____ L - Liquid 20 Y - Yards ____ E - Each

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(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

Kimberly Murphy | 1-6-20 | GMI | Kimberly Murphy

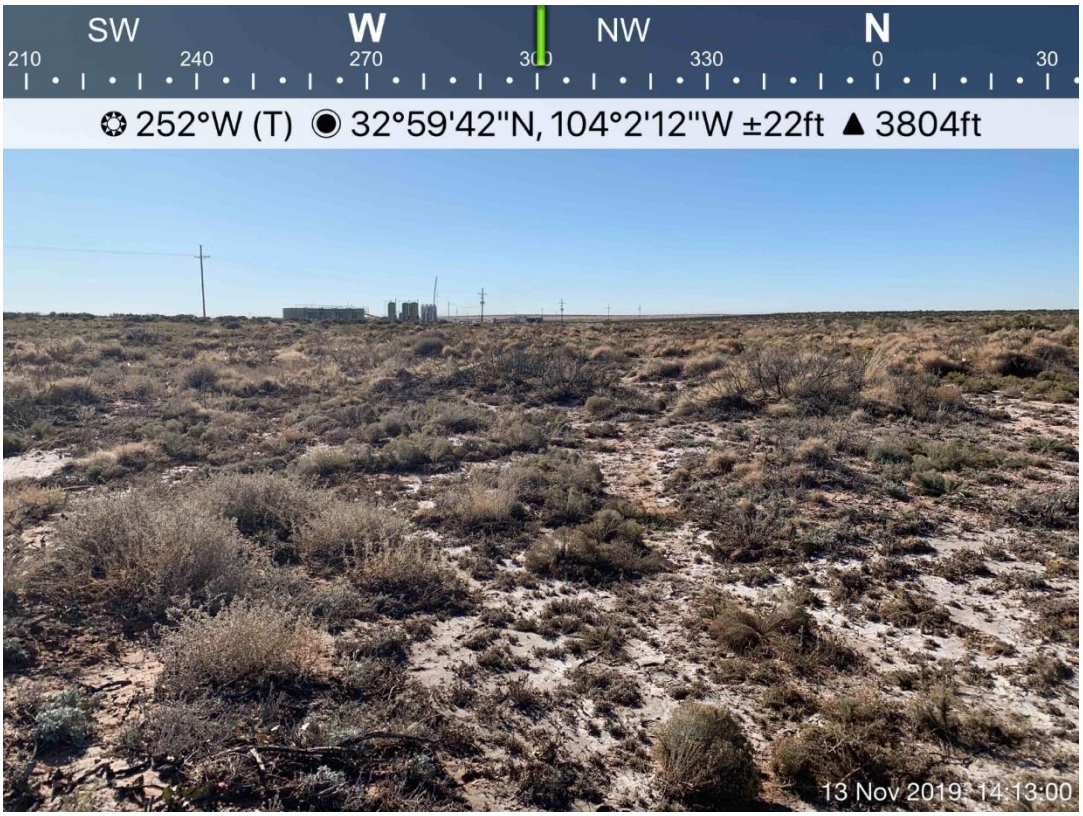
NAME (PRINT) | DATE | TITLE | SIGNATURE

SUPERIOR PRINTING SERVICE, INC.

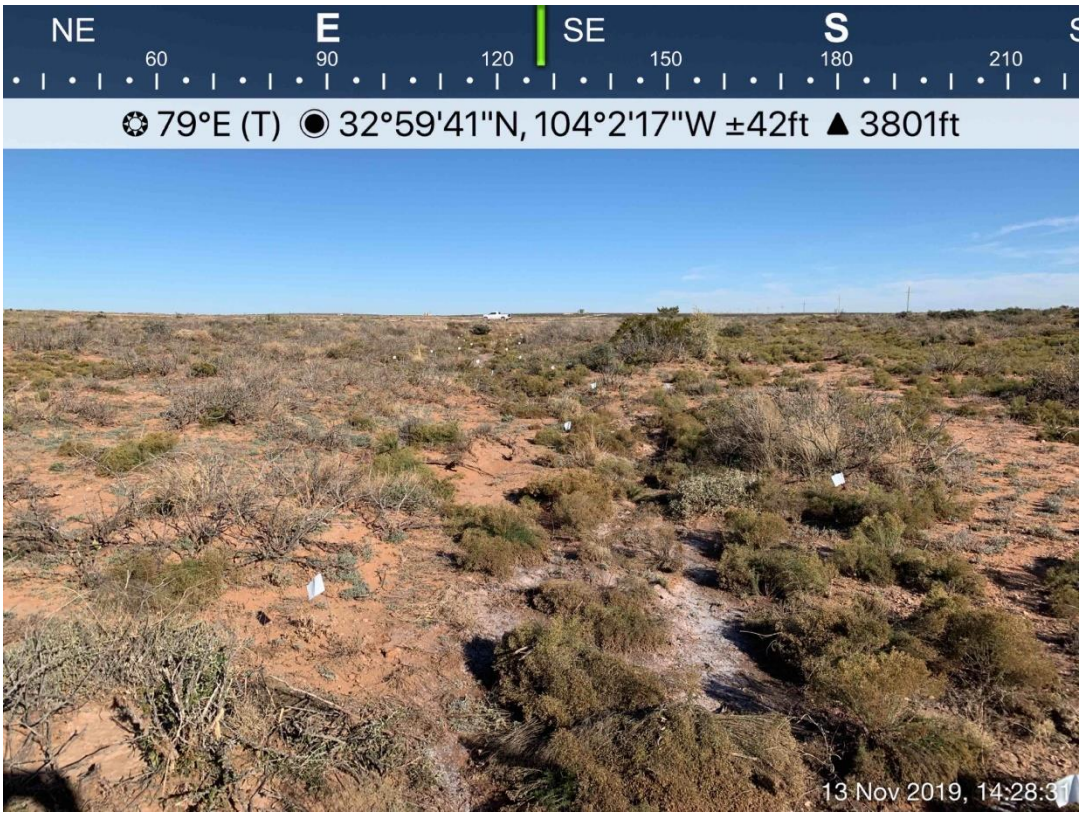
Appendix D

Photographs

Tracking Number: nRM2002151575
Select Energy Release at Montreal 1H



Spill area viewing West, November 13, 2019



Spill Area Viewing East, November 13, 2019

Tracking Number: nRM2002151575
Select Energy Release at Montreal 1H



Excavation Area Viewing West, January 10, 2020



Excavation Area Viewing West, January 10, 2020

Tracking Number: nRM2002151575
Select Energy Release at Montreal 1H

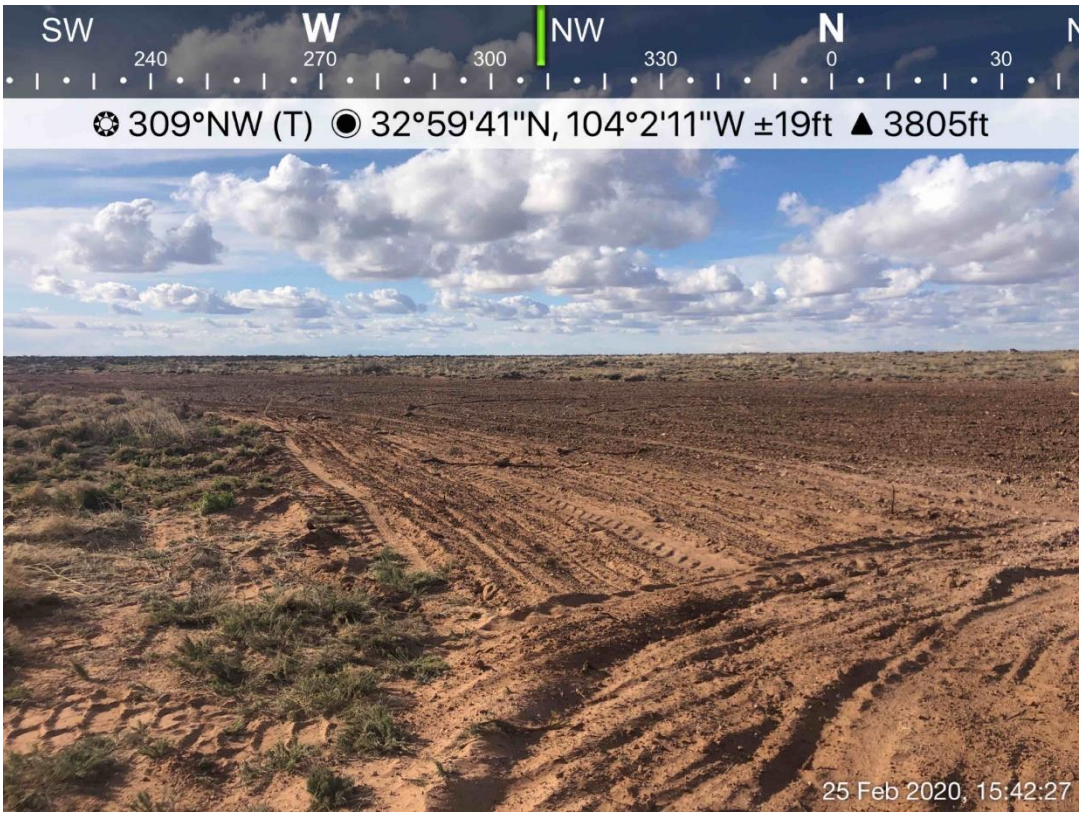


Excavation Area Viewing East, January 21, 2020



Backfilled and Seeded Area Viewing West, February 25, 2020

Tracking Number: nRM2002151575
Select Energy Release at Montreal 1H



Backfilled and Seeded Area Viewing Northwest, February 25, 2020



Backfilled and Seeded Area Viewing East, February 25, 2020

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 26384

CONDITIONS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 26384
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NRM2002151575 MONTREAL 1H, thank you. This closure is approved.	7/20/2021