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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	NAPP2217930240
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Harvest Four Corners, LLC.	OGRID 37388
Contact Name Monica Smith	Contact Telephone 505-947-1852
Contact email msmith@harvestmidstream.com	Incident # *(assigned by OCD)* nAPP2217930240
Contact mailing address 1755 Arroyo Drive Bloomfield, NM 87413	

Location of Release Source

Latitude 37.53114 Longitude -107.72227
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Linda 31#27	Site Type Field Tank near Blanco Wash
Date Release Discovered 6/27/2022	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
K	31	27N	8W	San Juan

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 10-12	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☒ Natural Gas	Volume Released (Mcf) 975.15	Volume Recovered (Mcf) 0
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Following a heavy precipitation event, a release was discovered on June 27, 2022, at a drip tank and stinger connection. Rapid erosion of the bank due to surface run off during a precipitation event washed out the tank support and pulled the stinger from the field tank.

State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The release resulted in 10-12 bbls of produced water in to the wash, and a total gas loss of 975.15 mcf. Gas loss total Ðncludes the gas loss due to the rupture of the well as the gas loss due to the blow-down once the system was isolated.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Email to NMOCD email OCD.enviro@state.nm.us and Nelson Velez. Electronic notification via NOR, ref # nAPP2217930240.

Initial Response

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

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

If all the actions described above have not been undertaken, explain why:
Release was stopped immediately upon discovery. C

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

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2217930240
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?	< 50 (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?	NV - 09/26/2022 ☒ Yes ~~☒ No~~
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☒ Yes ☐ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

State of New Mexico
Oil Conservation Division

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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: ____Monica Smith_____ Title: _____Environmental Specialist_____

Signature:_MonicaSmith _____ Date: ____9/23/2022

email: msmith@harvestmidstream.com _____ Telephone: _____505-947-1852_____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2217930240
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Application ID	

Remediation Plan

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

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ 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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	nAPP2217930240
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.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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

Printed Name: ____Monica Smith_____ Title: _____Environmental Specialist_____

Signature:____MonicaSmith_____ Date: 9/23/2022

email: msmith@harvestmidstream.com _____ Telephone: _____505-947-1852_____

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: Nelson Velez Date: 09/27/2022

Printed Name: Nelson Velez Title: Environmental Specialist – Adv

ENSOLUM

September 22, 2022

New Mexico Oil Conservation Division
New Mexico Energy, Minerals, and Natural Resources Department
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: Remediation Report and Closure Request
Linda 31 #27 – Trunk Q Pipeline Release
San Juan County, New Mexico
Harvest Four Corners, LLC
NMOCD Incident No: nAPP2217930240

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Harvest Four Corners, LLC (Harvest), presents this *Remediation Report and Closure Request* for a release at the Linda 31 #27 – Trunk Q Pipeline Release (Site). The Site is located on federal land managed by the Bureau of Land Management (BLM) in rural San Juan County, New Mexico (Figure 1). The work described in this document was performed in order to remediate petroleum hydrocarbon impacted soil originating from a produced water and natural gas pipeline release. The Site is located in Unit K, Section 31, Township 27 North, Range 8 West, in San Juan County, New Mexico. Based on the performed remediation activities, laboratory analytical results, and current Site conditions, Harvest is requesting a variance for closure with no further action for Incident Number nAPP2217930240.

BACKGROUND

Following a heavy precipitation event, a release was discovered on June 27, 2022, at a drip tank and stinger connection to the Trunk Q 10-inch Lateral natural gas pipeline operated by Harvest in Blanco Canyon. Rapid erosion of the bank of Blanco Canyon due to surface runoff during the precipitation event washed out the tank support and pulled the stinger from the below grade drip vessel, leading to an estimated release of approximately 10 to 12 barrels (bbl) of natural gas condensate liquids. The total gas loss due to the pipeline rupture and associated system isolation blowdown was estimated to be 975.15 thousand cubic feet (MCF). During the initial rain event, the Trunk Q 10-inch Lateral pipeline and drip tank were moved approximately ¼-mile down Blanco Canyon from its original location. The pre-existing access road to the Site was also washed out and rendered inaccessible. Following discovery of the release, Harvest notified the New Mexico Oil Conservation Division (NMOCD, incident number nAPP2217930240), BLM, National Response Center (NRC, Incident Report number 1339962), New Mexico Environment Department (NMED), the United States Army Corps of Engineers, Albuquerque District (USACE, Project ID Number SPA-2022-00277), the Bureau of Indian Affairs (BIA), Navajo Environmental Protection Agency (Navajo EPA), and the United States Environmental Protection Agency (EPA) Region 9.

Once the wash dried and the access roads were repaired Harvest was able to retrieve the drip tank from the wash and begin excavation near the wash bank. The tank will not be replaced, and the aboveground piping will be repaired and moved further away from the bank to prevent future

incidents. The repaired pipeline is planned to be lowered into a 5-foot-deep trench and backfilled beneath Blanco Canyon wash. The BLM, NMED, USACE, Navajo EPA, Region 9 USEPA have all been involved in the permitting for the construction in the wash.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site is located on BLM surface, approximately 14.5 miles southeast of Blanco, New Mexico. Ensolum characterized the Site according to Table 1, *Closure Criteria for Soils Impacted by a Release*, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Depth to groundwater at the Site is estimated to be less than 50 feet below ground surface (bgs) based on the proximity to Blanco Canyon. The Site is located directly adjacent to Blanco Canyon and approximately 17 feet higher in elevation. Blanco Canyon is considered a significant watercourse and is mapped by the National Wetland Inventory as a riverine wetland. The closest permitted groundwater well is a New Mexico Office of the State Engineer (NMOSE) well SJ 02961, located approximately 1 mile southwest of the Site. There is not a groundwater depth associated with the well in the records. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, or church. The Site is greater than 1,000 feet to a freshwater well or spring but is within a 100-year floodplain. The Site is not overlying a subsurface mine or underlain by unstable geology. Site receptors are identified on Figure 2.

Based on the proximity to a significant watercourse, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply to the Site:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total Petroleum Hydrocarbons (TPH) as gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO): 100 mg/kg
- Chloride: 600 mg/kg

EXCAVATION AND SOIL SAMPLING ACTIVITIES

Following the discovery of the relase, Harvest initiated emergency repair and remediation activities in June and July 2022. The pipeline was shut-in and Harvest excavated visually impacted soil from the release area. Due to the saturation of soil from the heavy rains, stabilization pads were used in conjunction with heavy equipment (trackhoe and backhoe) to complete the necessary work. Ensolum, was onsite July 14, 2022, to map the wash boundary and the extent of the excavation and collect preliminary soil samples. The excavation was approximately 170 feet by 60 feet in areal extent with depths varying from 6 inches to 1 foot bgs (Figure 3). Harvest built a ramp from the excavation to the wash which is approximately 17 feet elevation difference. The ramp was used for heavy equipment to enter the wash in order to retrieve the tank that had moved downstream during the original storm event. An estimated 350 cubic yards of impacted soil have been removed from the Site and disposed of at Envirotech, Inc.'s (Envirotech) landfarm in Bloomfield, New Mexico.

Ensolum collected three 5-point composite soil samples from the excavation at the top of the wash bank (Surf. Comp. 01 through Surf. Comp. 03) and three 5-point composite samples from the vertical wash bank wall in the area below where the drip tank and stringer were located (WB Comp 01 through WB Comp 03). The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported at or below 4 degrees Celsius (°C) under strict chain-of-

custody procedures to Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico, for analysis of BTEX following EPA Method 8021B; TPH-GRO, TPH-DRO, and TPH-ORO following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Laboratory analytical results indicated preliminary composite soil samples Surf. Comp 02, Surf. Comp 03, WB Comp. 02, and WB Comp. 03 had TPH concentrations ranging from 157 mg/kg to 360 mg/kg, which exceeds the Table 1 Closure Criteria.

Additional excavation was put on hold due to continued heavy rain and surface water flow within Blanco Canyon, which resulted in further erosion of the bank. After acess roads were repaired, Ensolum was able to return to the Site on August 9, 2022, to assess Site conditions and re-map the wash boundary. The wash had eroded an additional 10 feet to 50 feet in the vicinity of the Site, including a portion of the excavated area. Large fissure cracks were observed at the top of the wash bank indicating the area was unstable.

On August 10, 2022, Harvest notified the NMOCD and BLM of the intent to conduct closure soil sampling activities (Appendix A). On August 12, 2022, Ensolum collected 11 5-point composite soil samples (SS01 through SS11) representing approximately 200 square feet each from the sidewalls and floor of the remaining excavation which was approximately 125 feet by 20 feet by 0.5 feet deep. The samples were collected and analyzed as described above and the locations of the confirmation soil samples are presented on Figure 3. Since the release was condensate and no elevated chloride concentrations were observed in the preliminary samples, it was determined that chloride was not a constituent of concern and therefore not analyzed in the final confirmation soil samples.

Based on the analytical results, all confirmation samples were in compliance with NMOCD Table 1 Closure Criteria, with the exception of soil samples SS01 and SS04, collected from the northern portion of the remaining excavation. The TPH concentration from these samples were 110 mg/kg and 146 mg/kg, respectively, exceeding the Closure Criteria of 100 mg/kg. Analytical results are summarized in Table 1 with complete laboratory reports included as Appendix B. Photographs from the excavation are included in Appendix C.

VARIANCE AND CLOSURE REQUEST

Approximately 350 cubic yards of impacted soil were excavated from the Site. Due to large volume of precipitation, the Site became inaccessible multiple times during the excavation process and the wash continued to erode and become less stable. During confirmation soil sampling of the excavation, only two areas contained TPH concentrations exceeding NMOCD Table 1 Closure Criteria. The risk to human safety to remediate the remaining TPH above the Closure Criteria in the soil is high due to the unstable and rapidly eroding wash bank, therefore, Harvest is requesting a variance to leave the soil in place, where natural attenuation will occur. An estimated 6 cubic yards of impacted soil remains in place, conservatively assuming both of the 200 square foot areas to a depth of 0.5 feet remains impacted. The remaining low TPH concentrations in the limited aerial extent at the surface will likely naturally attenuate before reaching groundwater. If the impacted soil were to reach the nearby surface water the low residual concentrations would be diluted and naturally attenuate in any erosion.

Impacted soil has been removed to greatest extent possible. Due to low residual concentrations of TPH that are only 10 mg/kg and 46 mg/kg over the closure standard, the location of those concentrations at the eroding bank edge, and the risk to public health of workers to remove or treat those concentrations compared to limited environmental risk, Harvest believes that leaving the limited residual impacts in place is equally protective of public health and the environment. Harvest requests to close Incident Number nAPP2217930240 with no further action required.

Harvest will continue to work with BLM, NMED, USACE, Navajo EPA, EPA to permit the required construction for pipeline repairs in Blanco Canyon Wash.

Ensolum, LLC

Brooke Herb
Senior Geologist
(970) 403-6824
bherb@ensolum.com

Ashley Ager, MS, PG
Program Director, Geologist
(970) 946-1093
aager@ensolum.com

Attachments:

Figure 1: Site Location Map
Figure 2: Site Receptor Map
Figure 3: Excavation Site Map

Table 1: Soil Sample Analytical Results

Appendix A: NMOCD Correspondence
Appendix B: Analytical Laboratory Reports and Chain-of-Custody Documentation
Appendix C: Photographic Log

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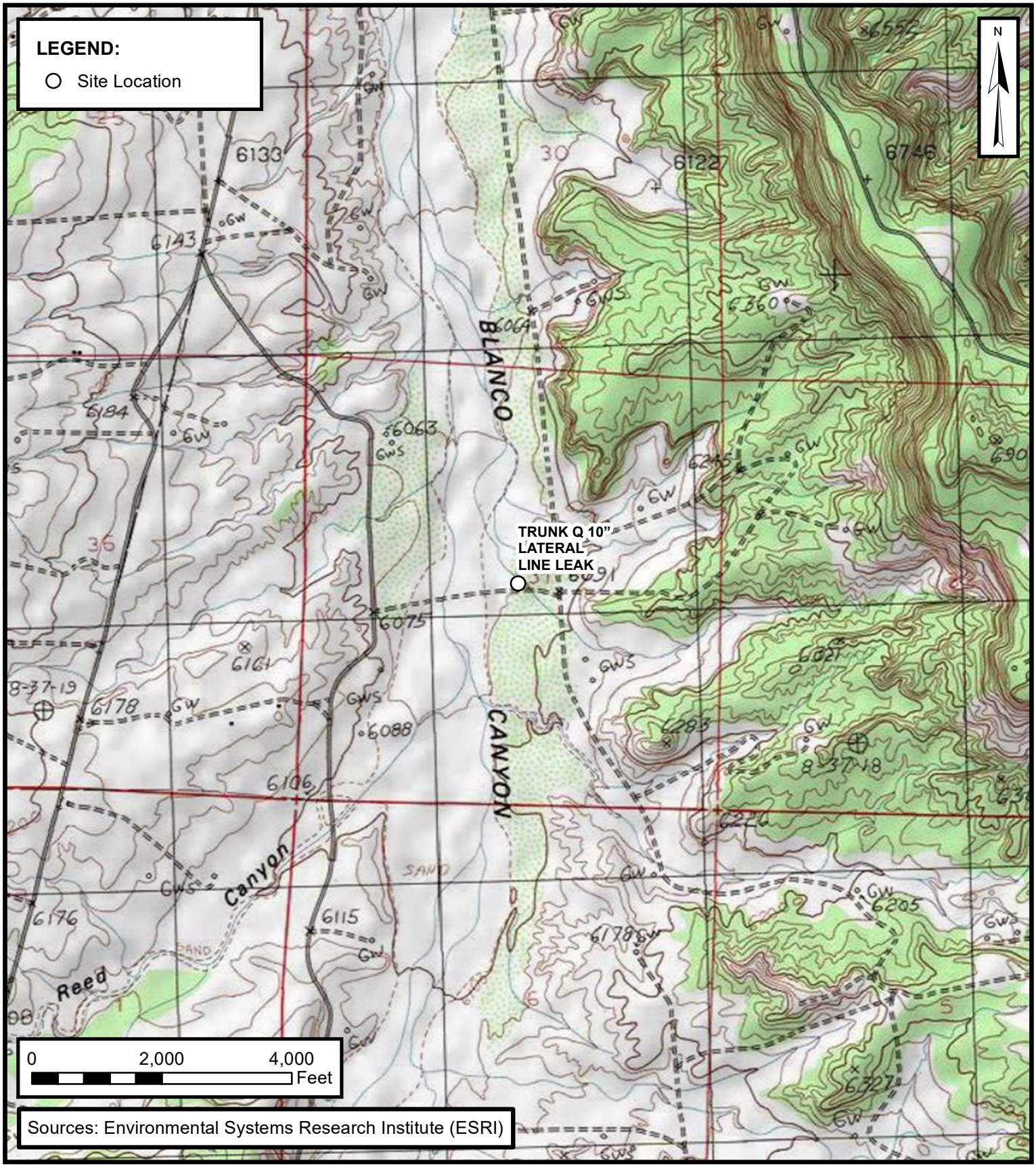
FIGURES



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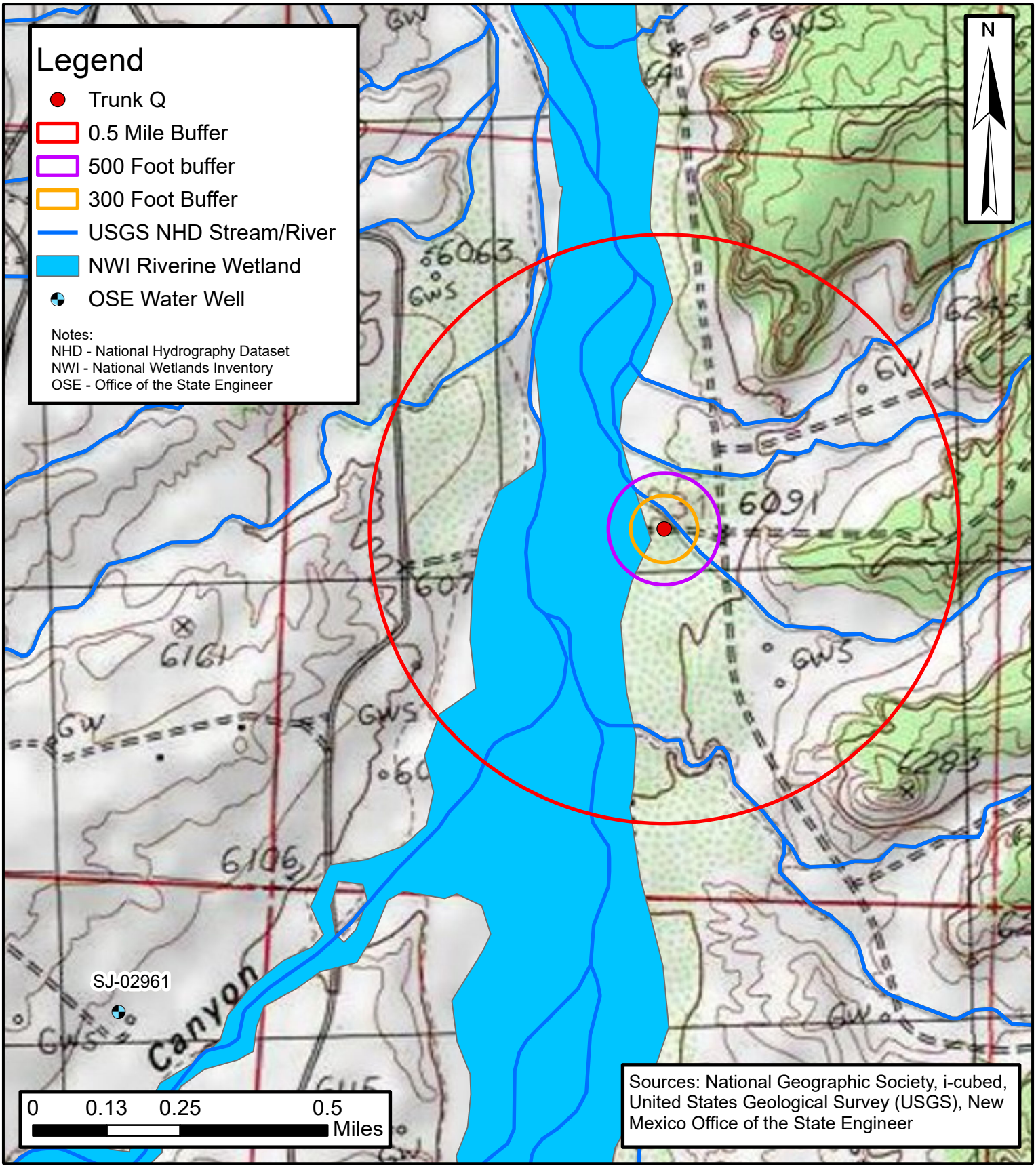
Environmental & Hydrogeologic Consultants

Site Location Map

TRUNK Q 10" LATERAL LINE LEAK
Harvest Midstream
NWSE S31-T27N-R8W
San Juan County, NM

FIGURE
#1



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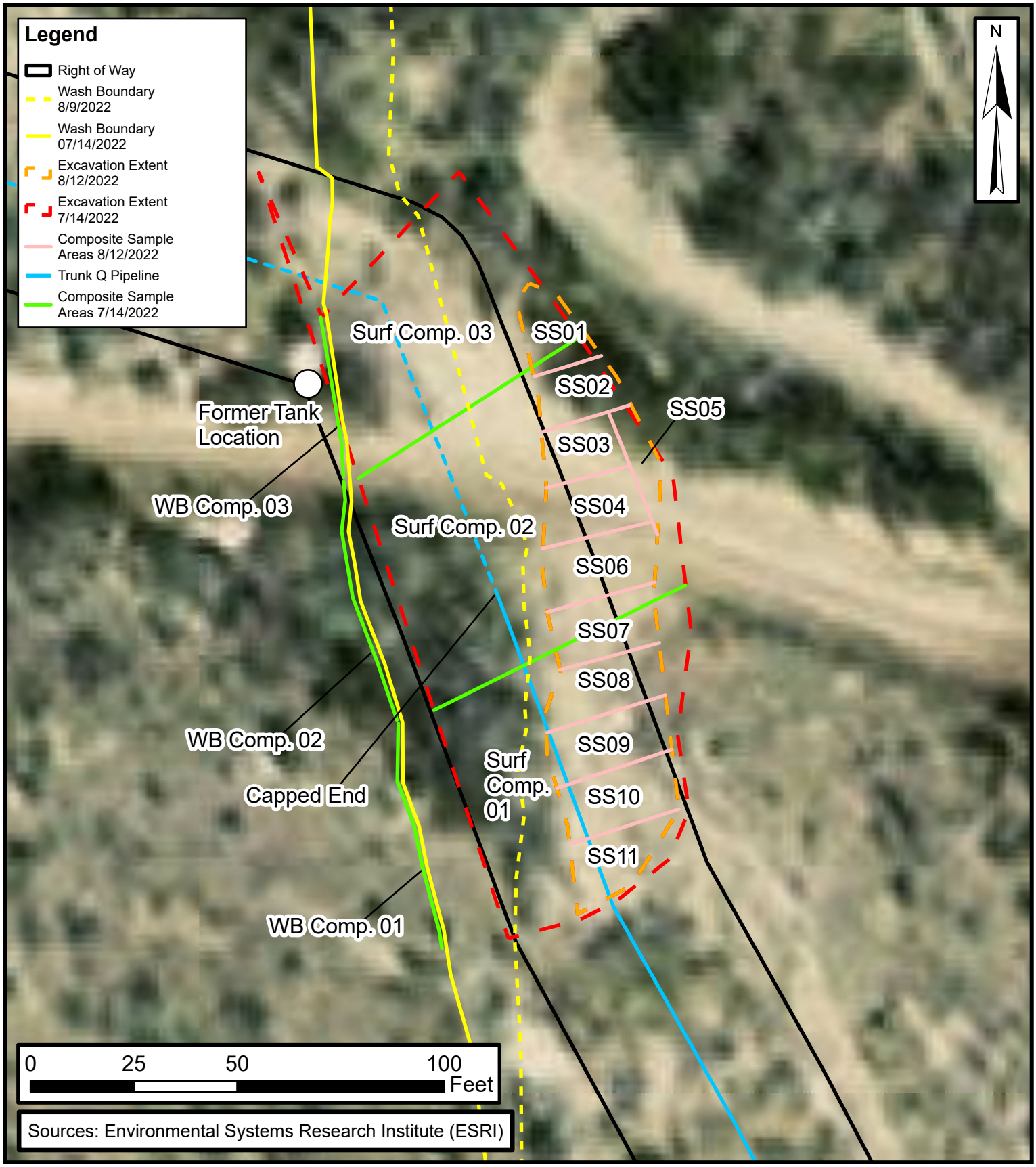
Environmental & Hydrogeologic Consultants

Site Receptor Map

Trunk Q Line Leak
Harvest Four Corners, LLC
36.53114°N, -107.72227°W
San Juan County, New Mexico

FIGURE
2



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Environmental & Hydrogeologic Consultants

Site Map

Linda 31 #27 - Trunk Q Pipeline Release
Harvest Four Corners, LLC
36.53114°N, -107.72227°W San Juan County, New Mexico

FIGURE
3

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TABLE

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Linda 31 #27 - Trunk Q Pipeline Release
Harvest Four Corners, LLC
San Juan County, New Mexico

Sample Designation	Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
NMOCD Closure Criteria for Soils Impacted by a Release (Groundwater <50 feet)			**10**	NE	NE	NE	**50**	NE	NE	NE	**100**	**600**
Excavation Confirmation Soil Samples												
SS01	8/12/2022	0 - 0.5	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	48	62	**110**	NA
SS02	8/12/2022	0 - 0.5	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	24	<50	24	NA
SS03	8/12/2022	0 - 0.5	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	34	<49	34	NA
SS04	8/12/2022	0 - 0.5	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	65	81	**146**	NA
SS05	8/12/2022	0 - 0.5	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	23	<49	23	NA
SS06	8/12/2022	0 - 0.5	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	20	<49	20	NA
SS07	8/12/2022	0 - 0.5	<0.025	<0.049	<0.049	<0.099	<0.0222	<4.9	<15	<50	<69.9	NA
SS08	8/12/2022	0 - 0.5	<0.025	<0.050	<0.050	<0.1	<0.225	<5.0	<14	<48	<67	NA
SS09	8/12/2022	0 - 0.5	<0.025	<0.050	<0.050	<0.1	<0.225	<5.0	<14	<48	<67	NA
SS10	8/12/2022	0 - 0.5	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	<14	<48	<66.9	NA
SS11	8/12/2022	0 - 0.5	<0.025	<0.050	<0.050	<0.099	<0.224	<5.0	<14	<48	<67	NA
Preliminary Excavation Samples												
Surf. Comp. 01	7/14/2022	0 - 0.5	<0.024	<0.048	<0.048	<0.095	<0.215	<4.8	<15	<49	<68.8	<60
Surf. Comp. 02	7/14/2022	0 - 0.5	<0.023	<0.046	<0.046	<0.092	<0.207	<4.6	220	140	**360**	<60
Surf. Comp. 03	7/14/2022	0 - 0.5	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	150	140	**290**	83
WB Comp. 01	7/14/2022	13 - 17	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	<15	<50	<69.8	<60
WB Comp. 02	7/14/2022	13 - 17	<0.025	<0.049	<0.049	<0.098	<0.221	<4.9	66	91	**157**	<60
WB Comp. 03	7/14/2022	13 - 17	<0.024	<0.048	<0.048	<0.096	<0.216	<4.8	120	170	**290**	130

Notes:

bgs: below ground surface
mg/kg: milligrams per kilogram
NA: Not Analyzed
NE: Not Established
NMOCD: New Mexico Oil Conservation Division
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
MRO: Motor Oil/Lube Oil Range Organics
TPH: Total Petroleum Hydrocarbon
<0.037: indicates result less than the stated laboratory reporting limit (RL)
Concentrations in bold exceed the NMOCD Table 1 Closure Criteria or reclamation standard where applicable.

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APPENDIX A

NMOCD CORRESPONDANCE

From: Monica Smith
To: Joyner, Ryan N; Velez, Nelson, EMNRD; OCD.Enviro@state.nm.us; slandon@blm.gov
Cc: Lloyd Bell; Danny Burns; Brooke Herb
Subject: RE: Release Notification - Harvest Four Corners, LLC - Linda - Closure Sampling
Date: Wednesday, August 10, 2022 11:04:19 AM

[**EXTERNAL EMAIL**]

Please be advised that we plan on closure sampling, Friday August 12, 2022 at 11:00am; weather and road access permitting.

Lat, Long: 36.53114, -107.72227

NMOCD NOR Number: nAPP2217930240

Please let me know if you have any questions.

Thank you,

Monica Smith
Environmental Specialist
Harvest Four Corners, LLC
505-632-4625
505-947-1852 (cell)

From: Monica Smith <msmith@harvestmidstream.com>
Sent: Tuesday, June 28, 2022 8:37 AM
To: Joyner, Ryan N <rjoyner@blm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; OCD.Enviro@state.nm.us; slandon@blm.gov
Cc: Monica Smith <msmith@harvestmidstream.com>
Subject: Release Notification - Harvest Four Corners, LLC - Linda

Hello,

Yesterday Monday June 27, 2022, Harvest Four Corners discovered a drip tank and syphon washed out due to high rains and running wash causing dirt wall to cave off. As dirt eroded, the tank lost support and fell pulling the stinger with it from below grade drip vessel.

Unknown Liquid Loss & Gas Loss currently.

Lat, Long: 36.53114, -107.72227

NMOCD NOR Number: nAPP2217930240
NRC Incident Report Number: 1339962

We will provide additional information as soon as we have it. Please let me know if you have any questions.

Thank you,

Monica Smith
Environmental Specialist
Harvest Four Corners, LLC
msmith@harvestmidstream.com
(505) 632-4625 - office
(505) 947-1852 - cell

ENSOLUM

APPENDIX B

LABORATORY ANALYTICAL REPORTS AND CHAIN OF CUSTODY DOCUMENTATION

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 25, 2022

Danny Burns

Harvest
1755 Arroyo Dr.
Bloomfield, NM 87413
TEL: (505) 632-4475
FAX:

RE: Trunk Q Line Leak OrderNo.: 2207724

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 6 sample(s) on 7/15/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2207724**
Date Reported: **7/25/2022**

CLIENT: Harvest
Client Sample ID: Surf. Comp. 01
Project: Trunk Q Line Leak
Collection Date: 7/14/2022 1:35:00 PM
Lab ID: 2207724-001 **Matrix:** SOIL **Received Date:** 7/15/2022 6:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	7/19/2022 4:30:39 PM	68886
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/18/2022 10:48:49 PM	68825
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/18/2022 10:48:49 PM	68825
Surr: DNOP	61.0	51.1-141		%Rec	1	7/18/2022 10:48:49 PM	68825
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/18/2022 8:45:58 PM	68814
Surr: BFB	105	37.7-212		%Rec	1	7/18/2022 8:45:58 PM	68814
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	7/18/2022 8:45:58 PM	68814
Toluene	ND	0.048		mg/Kg	1	7/18/2022 8:45:58 PM	68814
Ethylbenzene	ND	0.048		mg/Kg	1	7/18/2022 8:45:58 PM	68814
Xylenes, Total	ND	0.095		mg/Kg	1	7/18/2022 8:45:58 PM	68814
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	7/18/2022 8:45:58 PM	68814

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2207724**
Date Reported: **7/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: Surf. Comp. 02
Project: Trunk Q Line Leak
Collection Date: 7/14/2022 1:40:00 PM
Lab ID: 2207724-002 **Matrix:** SOIL **Received Date:** 7/15/2022 6:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	7/19/2022 5:07:42 PM	68886
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	220	14		mg/Kg	1	7/18/2022 11:02:53 PM	68825
Motor Oil Range Organics (MRO)	140	47		mg/Kg	1	7/18/2022 11:02:53 PM	68825
Surr: DNOP	56.4	51.1-141		%Rec	1	7/18/2022 11:02:53 PM	68825
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/18/2022 9:09:50 PM	68814
Surr: BFB	104	37.7-212		%Rec	1	7/18/2022 9:09:50 PM	68814
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	7/18/2022 9:09:50 PM	68814
Toluene	ND	0.046		mg/Kg	1	7/18/2022 9:09:50 PM	68814
Ethylbenzene	ND	0.046		mg/Kg	1	7/18/2022 9:09:50 PM	68814
Xylenes, Total	ND	0.092		mg/Kg	1	7/18/2022 9:09:50 PM	68814
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	7/18/2022 9:09:50 PM	68814

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2207724**
Date Reported: **7/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: Surf. Comp. 03
Project: Trunk Q Line Leak
Collection Date: 7/14/2022 1:45:00 PM
Lab ID: 2207724-003 **Matrix:** SOIL **Received Date:** 7/15/2022 6:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	83	60		mg/Kg	20	7/19/2022 5:20:03 PM	68886
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	150	14		mg/Kg	1	7/18/2022 11:16:58 PM	68825
Motor Oil Range Organics (MRO)	140	47		mg/Kg	1	7/18/2022 11:16:58 PM	68825
Surr: DNOP	72.3	51.1-141		%Rec	1	7/18/2022 11:16:58 PM	68825
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/18/2022 9:33:43 PM	68814
Surr: BFB	99.2	37.7-212		%Rec	1	7/18/2022 9:33:43 PM	68814
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	7/18/2022 9:33:43 PM	68814
Toluene	ND	0.048		mg/Kg	1	7/18/2022 9:33:43 PM	68814
Ethylbenzene	ND	0.048		mg/Kg	1	7/18/2022 9:33:43 PM	68814
Xylenes, Total	ND	0.096		mg/Kg	1	7/18/2022 9:33:43 PM	68814
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	7/18/2022 9:33:43 PM	68814

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2207724**
Date Reported: **7/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: WB Comp. 01
Project: Trunk Q Line Leak
Collection Date: 7/14/2022 1:50:00 PM
Lab ID: 2207724-004 **Matrix:** SOIL **Received Date:** 7/15/2022 6:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	60		mg/Kg	20	7/19/2022 5:32:25 PM	68886
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/18/2022 11:31:07 PM	68825
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/18/2022 11:31:07 PM	68825
Surr: DNOP	70.9	51.1-141		%Rec	1	7/18/2022 11:31:07 PM	68825
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/18/2022 9:57:30 PM	68814
Surr: BFB	101	37.7-212		%Rec	1	7/18/2022 9:57:30 PM	68814
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	7/18/2022 9:57:30 PM	68814
Toluene	ND	0.048		mg/Kg	1	7/18/2022 9:57:30 PM	68814
Ethylbenzene	ND	0.048		mg/Kg	1	7/18/2022 9:57:30 PM	68814
Xylenes, Total	ND	0.096		mg/Kg	1	7/18/2022 9:57:30 PM	68814
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	7/18/2022 9:57:30 PM	68814

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2207724**
Date Reported: **7/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: WB Comp. 02
Project: Trunk Q Line Leak
Collection Date: 7/14/2022 1:55:00 PM
Lab ID: 2207724-005 **Matrix:** SOIL **Received Date:** 7/15/2022 6:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	ND	60		mg/Kg	20	7/19/2022 12:45:33 PM	68889
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	66	15		mg/Kg	1	7/18/2022 11:45:03 PM	68825
Motor Oil Range Organics (MRO)	91	50		mg/Kg	1	7/18/2022 11:45:03 PM	68825
Surr: DNOP	80.0	51.1-141		%Rec	1	7/18/2022 11:45:03 PM	68825
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/18/2022 11:08:26 PM	68814
Surr: BFB	99.8	37.7-212		%Rec	1	7/18/2022 11:08:26 PM	68814
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	7/18/2022 11:08:26 PM	68814
Toluene	ND	0.049		mg/Kg	1	7/18/2022 11:08:26 PM	68814
Ethylbenzene	ND	0.049		mg/Kg	1	7/18/2022 11:08:26 PM	68814
Xylenes, Total	ND	0.098		mg/Kg	1	7/18/2022 11:08:26 PM	68814
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	7/18/2022 11:08:26 PM	68814

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2207724**
Date Reported: **7/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: WB Comp. 03
Project: Trunk Q Line Leak
Collection Date: 7/14/2022 2:00:00 PM
Lab ID: 2207724-006 **Matrix:** SOIL **Received Date:** 7/15/2022 6:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JTT**	
Chloride	130	60		mg/Kg	20	7/19/2022 12:57:57 PM	68889
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **ED**	
Diesel Range Organics (DRO)	120	15		mg/Kg	1	7/18/2022 11:58:57 PM	68825
Motor Oil Range Organics (MRO)	170	49		mg/Kg	1	7/18/2022 11:58:57 PM	68825
Surr: DNOP	83.8	51.1-141		%Rec	1	7/18/2022 11:58:57 PM	68825
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/18/2022 11:32:05 PM	68814
Surr: BFB	99.0	37.7-212		%Rec	1	7/18/2022 11:32:05 PM	68814
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.024		mg/Kg	1	7/18/2022 11:32:05 PM	68814
Toluene	ND	0.048		mg/Kg	1	7/18/2022 11:32:05 PM	68814
Ethylbenzene	ND	0.048		mg/Kg	1	7/18/2022 11:32:05 PM	68814
Xylenes, Total	ND	0.096		mg/Kg	1	7/18/2022 11:32:05 PM	68814
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	7/18/2022 11:32:05 PM	68814

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2207724**

25-Jul-22

Client: Harvest

Project: Trunk Q Line Leak

Sample ID: **MB-68886**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **68886**	RunNo: **89610**							
Prep Date: **7/19/2022**	Analysis Date: **7/19/2022**	SeqNo: **3190772**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-68886**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **68886**	RunNo: **89610**							
Prep Date: **7/19/2022**	Analysis Date: **7/19/2022**	SeqNo: **3190773**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.1	90	110			

Sample ID: **MB-68889**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **68889**	RunNo: **89628**							
Prep Date: **7/19/2022**	Analysis Date: **7/19/2022**	SeqNo: **3191050**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-68889**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **68889**	RunNo: **89628**							
Prep Date: **7/19/2022**	Analysis Date: **7/19/2022**	SeqNo: **3191051**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.9	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2207724**

25-Jul-22

Client: Harvest

Project: Trunk Q Line Leak

Sample ID: **MB-68825**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **68825**	RunNo: **89573**
Prep Date: **7/16/2022**	Analysis Date: **7/18/2022**	SeqNo: **3189637** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.3		10.00		72.6	51.1	141			

Sample ID: **LCS-68825**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **68825**	RunNo: **89573**
Prep Date: **7/16/2022**	Analysis Date: **7/18/2022**	SeqNo: **3189638** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	38	15	50.00	0	76.1	64.4	127			
Surr: DNOP	3.7		5.000		73.3	51.1	141			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2207724**

25-Jul-22

Client: Harvest

Project: Trunk Q Line Leak

Sample ID: **mb-68814**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **68814**	RunNo: **89576**
Prep Date: **7/15/2022**	Analysis Date: **7/18/2022**	SeqNo: **3189011** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		107	37.7	212			

Sample ID: **lcs-68814**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **68814**	RunNo: **89576**
Prep Date: **7/15/2022**	Analysis Date: **7/18/2022**	SeqNo: **3189012** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	72.3	137			
Surr: BFB	2000		1000		197	37.7	212			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2207724**

25-Jul-22

Client: Harvest

Project: Trunk Q Line Leak

Sample ID: **mb-68814**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **68814**	RunNo: **89576**
Prep Date: **7/15/2022**	Analysis Date: **7/18/2022**	SeqNo: **3189074** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		107	70	130			

Sample ID: **LCS-68814**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **68814**	RunNo: **89576**
Prep Date: **7/15/2022**	Analysis Date: **7/18/2022**	SeqNo: **3189075** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	93.9	80	120			
Toluene	0.98	0.050	1.000	0	97.9	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.0	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.2	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **Harvest** Work Order Number: **2207724** RcptNo: 1

Received By: **Juan Rojas** **7/15/2022 6:05:00 AM**

Completed By: **Cheyenne Cason** **7/15/2022 7:14:11 AM**

Reviewed By: IO 7/15/22

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☑
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: JN 7/15/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.5	Good	Yes			

Chain-of-Custody Record

Client: Harvest Midstream

Attn: Monica Smith / Lloyd Bell

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☐ Standard ☒ Rush 3DAY TAT

Project Name: Trunk Q Line Leak

Project #:

Project Manager: Ensolum - Danny Burns

Sampler: D. Burns

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 1.5-0=1.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2207724	BTEX / MTBE / TMB's (8021)	TPH:8015D GRO / DRO / MRO	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7-14-22	1335	Soil	Surf. Comp. 01	1-402	cool	001	X	X								
	1340		Surf. Comp. 02			002	X	X								
	1345		Surf Comp 03			003	X	X								
	1350		WB Comp 01			004	X	X								
	1355		WB Comp 02			005	X	X								
	1400		WB Comp 03			006	X	X								

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
7-14-22	1645				7/14/22	1645
7/14/22	1804				7/15/22	6:05

Remarks:

cc: bherb@ensolum.com
dburns@ensolum.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

August 25, 2022

Danny Burns

Harvest
1755 Arroyo Dr.
Bloomfield, NM 87413
TEL: (505) 632-4475
FAX:

RE: Trunk Q Line Leak OrderNo.: 2208880

Dear Danny Burns:

Hall Environmental Analysis Laboratory received 11 sample(s) on 8/13/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2208880**
Date Reported: **8/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: SS01
Project: Trunk Q Line Leak
Collection Date: 8/12/2022 11:05:00 AM
Lab ID: 2208880-001 **Matrix:** SOIL **Received Date:** 8/13/2022 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	48	15		mg/Kg	1	8/19/2022 1:33:31 AM	69588
Motor Oil Range Organics (MRO)	62	49		mg/Kg	1	8/19/2022 1:33:31 AM	69588
Surr: DNOP	115	21-129		%Rec	1	8/19/2022 1:33:31 AM	69588
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/18/2022 5:57:47 PM	69551
Surr: BFB	106	37.7-212		%Rec	1	8/18/2022 5:57:47 PM	69551
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	8/18/2022 5:57:47 PM	69551
Toluene	ND	0.050		mg/Kg	1	8/18/2022 5:57:47 PM	69551
Ethylbenzene	ND	0.050		mg/Kg	1	8/18/2022 5:57:47 PM	69551
Xylenes, Total	ND	0.099		mg/Kg	1	8/18/2022 5:57:47 PM	69551
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	8/18/2022 5:57:47 PM	69551

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2208880**
Date Reported: **8/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: SS02
Project: Trunk Q Line Leak
Collection Date: 8/12/2022 11:08:00 AM
Lab ID: 2208880-002 **Matrix:** SOIL **Received Date:** 8/13/2022 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	24	15		mg/Kg	1	8/19/2022 1:58:08 AM	69588
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/19/2022 1:58:08 AM	69588
Surr: DNOP	101	21-129		%Rec	1	8/19/2022 1:58:08 AM	69588
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2022 10:17:04 PM	69551
Surr: BFB	105	37.7-212		%Rec	1	8/18/2022 10:17:04 PM	69551
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	8/18/2022 10:17:04 PM	69551
Toluene	ND	0.049		mg/Kg	1	8/18/2022 10:17:04 PM	69551
Ethylbenzene	ND	0.049		mg/Kg	1	8/18/2022 10:17:04 PM	69551
Xylenes, Total	ND	0.098		mg/Kg	1	8/18/2022 10:17:04 PM	69551
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	1	8/18/2022 10:17:04 PM	69551

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2208880**
Date Reported: **8/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: SS03
Project: Trunk Q Line Leak
Collection Date: 8/12/2022 11:11:00 AM
Lab ID: 2208880-003 **Matrix:** SOIL **Received Date:** 8/13/2022 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	34	15		mg/Kg	1	8/19/2022 2:22:45 AM	69588
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/19/2022 2:22:45 AM	69588
Surr: DNOP	99.2	21-129		%Rec	1	8/19/2022 2:22:45 AM	69588
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2022 10:40:39 PM	69551
Surr: BFB	100	37.7-212		%Rec	1	8/18/2022 10:40:39 PM	69551
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	8/18/2022 10:40:39 PM	69551
Toluene	ND	0.049		mg/Kg	1	8/18/2022 10:40:39 PM	69551
Ethylbenzene	ND	0.049		mg/Kg	1	8/18/2022 10:40:39 PM	69551
Xylenes, Total	ND	0.098		mg/Kg	1	8/18/2022 10:40:39 PM	69551
Surr: 4-Bromofluorobenzene	95.9	70-130		%Rec	1	8/18/2022 10:40:39 PM	69551

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2208880**
Date Reported: **8/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: SS04
Project: Trunk Q Line Leak
Collection Date: 8/12/2022 11:14:00 AM
Lab ID: 2208880-004 **Matrix:** SOIL **Received Date:** 8/13/2022 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	65	14		mg/Kg	1	8/19/2022 2:47:19 AM	69588
Motor Oil Range Organics (MRO)	81	47		mg/Kg	1	8/19/2022 2:47:19 AM	69588
Surr: DNOP	112	21-129		%Rec	1	8/19/2022 2:47:19 AM	69588
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/18/2022 11:04:14 PM	69551
Surr: BFB	98.7	37.7-212		%Rec	1	8/18/2022 11:04:14 PM	69551
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	8/18/2022 11:04:14 PM	69551
Toluene	ND	0.050		mg/Kg	1	8/18/2022 11:04:14 PM	69551
Ethylbenzene	ND	0.050		mg/Kg	1	8/18/2022 11:04:14 PM	69551
Xylenes, Total	ND	0.099		mg/Kg	1	8/18/2022 11:04:14 PM	69551
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	8/18/2022 11:04:14 PM	69551

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2208880**
Date Reported: **8/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: SS05
Project: Trunk Q Line Leak
Collection Date: 8/12/2022 11:17:00 AM
Lab ID: 2208880-005 **Matrix:** SOIL **Received Date:** 8/13/2022 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	23	15		mg/Kg	1	8/19/2022 3:11:48 AM	69588
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/19/2022 3:11:48 AM	69588
Surr: DNOP	103	21-129		%Rec	1	8/19/2022 3:11:48 AM	69588
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/18/2022 11:27:46 PM	69551
Surr: BFB	99.1	37.7-212		%Rec	1	8/18/2022 11:27:46 PM	69551
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	8/18/2022 11:27:46 PM	69551
Toluene	ND	0.050		mg/Kg	1	8/18/2022 11:27:46 PM	69551
Ethylbenzene	ND	0.050		mg/Kg	1	8/18/2022 11:27:46 PM	69551
Xylenes, Total	ND	0.099		mg/Kg	1	8/18/2022 11:27:46 PM	69551
Surr: 4-Bromofluorobenzene	94.7	70-130		%Rec	1	8/18/2022 11:27:46 PM	69551

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2208880**
Date Reported: **8/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: SS06
Project: Trunk Q Line Leak
Collection Date: 8/12/2022 11:20:00 AM
Lab ID: 2208880-006 **Matrix:** SOIL **Received Date:** 8/13/2022 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	20	15		mg/Kg	1	8/19/2022 3:36:17 AM	69588
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/19/2022 3:36:17 AM	69588
Surr: DNOP	103	21-129		%Rec	1	8/19/2022 3:36:17 AM	69588
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/18/2022 11:51:13 PM	69551
Surr: BFB	101	37.7-212		%Rec	1	8/18/2022 11:51:13 PM	69551
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	8/18/2022 11:51:13 PM	69551
Toluene	ND	0.049		mg/Kg	1	8/18/2022 11:51:13 PM	69551
Ethylbenzene	ND	0.049		mg/Kg	1	8/18/2022 11:51:13 PM	69551
Xylenes, Total	ND	0.098		mg/Kg	1	8/18/2022 11:51:13 PM	69551
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	8/18/2022 11:51:13 PM	69551

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2208880**
Date Reported: **8/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: SS07
Project: Trunk Q Line Leak
Collection Date: 8/12/2022 11:23:00 AM
Lab ID: 2208880-007 **Matrix:** SOIL **Received Date:** 8/13/2022 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	8/19/2022 4:00:40 AM	69588
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/19/2022 4:00:40 AM	69588
Surr: DNOP	97.0	21-129		%Rec	1	8/19/2022 4:00:40 AM	69588
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/19/2022 12:14:39 AM	69551
Surr: BFB	101	37.7-212		%Rec	1	8/19/2022 12:14:39 AM	69551
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	8/19/2022 12:14:39 AM	69551
Toluene	ND	0.049		mg/Kg	1	8/19/2022 12:14:39 AM	69551
Ethylbenzene	ND	0.049		mg/Kg	1	8/19/2022 12:14:39 AM	69551
Xylenes, Total	ND	0.099		mg/Kg	1	8/19/2022 12:14:39 AM	69551
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	8/19/2022 12:14:39 AM	69551

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2208880**
Date Reported: **8/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: SS08
Project: Trunk Q Line Leak
Collection Date: 8/12/2022 11:26:00 AM
Lab ID: 2208880-008 **Matrix:** SOIL **Received Date:** 8/13/2022 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	8/19/2022 4:24:57 AM	69588
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/19/2022 4:24:57 AM	69588
Surr: DNOP	86.5	21-129		%Rec	1	8/19/2022 4:24:57 AM	69588
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/19/2022 12:38:06 AM	69551
Surr: BFB	98.3	37.7-212		%Rec	1	8/19/2022 12:38:06 AM	69551
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	8/19/2022 12:38:06 AM	69551
Toluene	ND	0.050		mg/Kg	1	8/19/2022 12:38:06 AM	69551
Ethylbenzene	ND	0.050		mg/Kg	1	8/19/2022 12:38:06 AM	69551
Xylenes, Total	ND	0.10		mg/Kg	1	8/19/2022 12:38:06 AM	69551
Surr: 4-Bromofluorobenzene	93.9	70-130		%Rec	1	8/19/2022 12:38:06 AM	69551

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2208880**
Date Reported: **8/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: SS09
Project: Trunk Q Line Leak
Collection Date: 8/12/2022 11:29:00 AM
Lab ID: 2208880-009 **Matrix:** SOIL **Received Date:** 8/13/2022 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	8/19/2022 8:17:39 PM	69564
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/19/2022 8:17:39 PM	69564
Surr: DNOP	84.9	21-129		%Rec	1	8/19/2022 8:17:39 PM	69564
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/19/2022 1:01:32 AM	69551
Surr: BFB	104	37.7-212		%Rec	1	8/19/2022 1:01:32 AM	69551
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	8/19/2022 1:01:32 AM	69551
Toluene	ND	0.050		mg/Kg	1	8/19/2022 1:01:32 AM	69551
Ethylbenzene	ND	0.050		mg/Kg	1	8/19/2022 1:01:32 AM	69551
Xylenes, Total	ND	0.10		mg/Kg	1	8/19/2022 1:01:32 AM	69551
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	8/19/2022 1:01:32 AM	69551

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2208880**
Date Reported: **8/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: SS10
Project: Trunk Q Line Leak
Collection Date: 8/12/2022 11:32:00 AM
Lab ID: 2208880-010 **Matrix:** SOIL **Received Date:** 8/13/2022 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	8/19/2022 8:31:46 PM	69564
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/19/2022 8:31:46 PM	69564
Surr: DNOP	84.0	21-129		%Rec	1	8/19/2022 8:31:46 PM	69564
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/19/2022 1:24:59 AM	69551
Surr: BFB	103	37.7-212		%Rec	1	8/19/2022 1:24:59 AM	69551
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	8/19/2022 1:24:59 AM	69551
Toluene	ND	0.049		mg/Kg	1	8/19/2022 1:24:59 AM	69551
Ethylbenzene	ND	0.049		mg/Kg	1	8/19/2022 1:24:59 AM	69551
Xylenes, Total	ND	0.098		mg/Kg	1	8/19/2022 1:24:59 AM	69551
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	8/19/2022 1:24:59 AM	69551

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report
Lab Order **2208880**
Date Reported: **8/25/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: SS11
Project: Trunk Q Line Leak
Collection Date: 8/12/2022 11:35:00 AM
Lab ID: 2208880-011 **Matrix:** SOIL **Received Date:** 8/13/2022 7:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	8/19/2022 4:49:15 AM	69588
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/19/2022 4:49:15 AM	69588
Surr: DNOP	96.4	21-129		%Rec	1	8/19/2022 4:49:15 AM	69588
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/19/2022 1:48:25 AM	69551
Surr: BFB	105	37.7-212		%Rec	1	8/19/2022 1:48:25 AM	69551
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.025		mg/Kg	1	8/19/2022 1:48:25 AM	69551
Toluene	ND	0.050		mg/Kg	1	8/19/2022 1:48:25 AM	69551
Ethylbenzene	ND	0.050		mg/Kg	1	8/19/2022 1:48:25 AM	69551
Xylenes, Total	ND	0.099		mg/Kg	1	8/19/2022 1:48:25 AM	69551
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	8/19/2022 1:48:25 AM	69551

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208880**

25-Aug-22

Client: Harvest

Project: Trunk Q Line Leak

Sample ID: **MB-69564**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **69564**	RunNo: **90423**
Prep Date: **8/17/2022**	Analysis Date: **8/19/2022**	SeqNo: **3227135** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.5		10.00		85.3	21	129			

Sample ID: **LCS-69564**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **69564**	RunNo: **90423**
Prep Date: **8/17/2022**	Analysis Date: **8/19/2022**	SeqNo: **3227136** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	15	50.00	0	94.3	64.4	127			
Surr: DNOP	4.2		5.000		83.4	21	129			

Sample ID: **MB-69588**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **69588**	RunNo: **90394**
Prep Date: **8/17/2022**	Analysis Date: **8/18/2022**	SeqNo: **3231792** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.7		10.00		87.1	21	129			

Sample ID: **LCS-69588**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **69588**	RunNo: **90394**
Prep Date: **8/17/2022**	Analysis Date: **8/18/2022**	SeqNo: **3231796** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	15	50.00	0	93.8	64.4	127			
Surr: DNOP	4.6		5.000		91.2	21	129			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208880**

25-Aug-22

Client: Harvest

Project: Trunk Q Line Leak

Sample ID: **mb-69551**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **69551**	RunNo: **90389**
Prep Date: **8/16/2022**	Analysis Date: **8/18/2022**	SeqNo: **3225364** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		107	37.7	212			

Sample ID: **lcs-69551**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **69551**	RunNo: **90389**
Prep Date: **8/16/2022**	Analysis Date: **8/18/2022**	SeqNo: **3225365** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	72.3	137			
Surr: BFB	2200		1000		215	37.7	212			S

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208880**

25-Aug-22

Client: Harvest

Project: Trunk Q Line Leak

Sample ID: **mb-69551**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **69551**	RunNo: **90389**
Prep Date: **8/16/2022**	Analysis Date: **8/18/2022**	SeqNo: **3225418** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.99		1.000		99.3	70	130			

Sample ID: **LCS-69551**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **69551**	RunNo: **90389**
Prep Date: **8/16/2022**	Analysis Date: **8/18/2022**	SeqNo: **3225419** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	101	80	120			
Toluene	1.0	0.050	1.000	0	105	80	120			
Ethylbenzene	1.1	0.050	1.000	0	105	80	120			
Xylenes, Total	3.1	0.10	3.000	0	104	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		99.6	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix interference
B	Analyte detected in the associated Method Blank
E	Estimated value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Harvest | Work Order Number: 2208880 | RcptNo: 1

Received By: Juan Rojas 8/13/2022 7:40:00 AM

Completed By: Tracy Casarrubias 8/13/2022 11:03:09 AM

Reviewed By: TMC 8/13/22

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JA 8/13/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.1	Good	Yes			

Chain-of-Custody Record

Client: Harvest Midstream
Attn: Monica Smith
Mailing Address:
Phone #:
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard 5days ☐ Rush
Project Name: Trunk Q Line Leak
Project #:
Project Manager: Danny Burns
Sampler:
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF): 1.0+0=1.1 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2208880	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
8-12-22	1105	SOIL	SS01	1-4oz	COOL	001	X	X								
	1108		SS02			002										
	1111		SS03			003										
	1114		SS04			004										
	1117		SS05			005										
	1120		SS06			006										
	1123		SS07			007										
	1126		SS08			008										
	1129		SS09			009										
	1132		SS10			010										
	1135		SS11			011										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
8-12-22	1617				8/12/22	1617
8/12/22	1811			Courier	8/13/22	7:40

Remarks: cc: dburns@ensolum.com, bherb@ensolum.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

ENSOLUM

APPENDIX C
PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG
Linda 31 #27 - Trunk Q Pipeline Release
San Juan County, New Mexico
Harvest Four Corners, LLC

Photograph 1 Debris from rapid flow in wash accumulating on stinger to pipeline. Photo taken by Harvest on June 27, 2022. View to the west.	
Photograph 2 Bank erosion and exposed pipeline and stinger. Photo taken by Harvest on June 27, 2022. View to the northwest.	

PHOTOGRAPHIC LOG
Linda 31 #27 - Trunk Q Pipeline Release
San Juan County, New Mexico
Harvest Four Corners, LLC

Photograph 3 Condensate on wash bank. Photo taken by Harvest on June 27, 2022. View to the west.	
Photograph 4 Capped end of Trunk Q Pipeline in Blanco Canyon Wash. Photo taken July 14, 2022. View southeast.	

PHOTOGRAPHIC LOG
Linda 31 #27 - Trunk Q Pipeline Release
San Juan County, New Mexico
Harvest Four Corners, LLC

Photograph 5 Soil piles from natural erosion of the wash bank in the Site vicinity. Photo taken on July 14, 2022. View to the South.	
Photograph 6 Surface Excavation. Photo taken on July 14, 2022. View to the South.	

PHOTOGRAPHIC LOG
Linda 31 #27 - Trunk Q Pipeline Release
San Juan County, New Mexico
Harvest Four Corners, LLC

Photograph 7 Ramp and surface excavation. Photo taken on July 14, 2022. View to the east.	
Photograph 8 Ramp and surface excavation area highlighted in red. Photo taken on July 14, 2022. View to the east.	

Ensolum, LLC | Environmental & Hydrogeologic Consultants
Durango, Colorado | info@ensolum.com

PHOTOGRAPHIC LOG
Linda 31 #27 - Trunk Q Pipeline Release
San Juan County, New Mexico
Harvest Four Corners, LLC

Photograph 9 Excavated area after additional erosion. Photo taken on August 12, 2022. View to the north.	
Photograph 10 View to the south of a tributary into Blanco Canyon north of the excavation area. The truck is on the access road that has been destroyed. Photo taken on August 12, 2022. View to the south.	

Ensolum, LLC | Environmental & Hydrogeologic Consultants
Durango, Colorado | info@ensolum.com

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 145858

CONDITIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 145858
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	9/27/2022