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	nAPP2310931339
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Harvest Four Corners, LLC	OGRID 373888
Contact Name Monica Smith	Contact Telephone 505-632-4625
Contact email msmith@harvestmidstream.com	Incident # *(assigned by OCD)* nAPP2310931339
Contact mailing address 1755 Arroyo Dr. Bloomfield, NM 87413	

Location of Release Source

Latitude 36.96739° Longitude -107.91826°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Decker Junction Compressor Station	Site Type Compressor Station
Date Release Discovered 4/17/2023	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
I	19	32N	10W	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) 1 GALLON	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) 256 MCF	Volume Recovered (Mcf) 0
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
PRV lifted prematurely, the set pressure was 500 psi. The valve was relieved at 332 psi. Gas vented for 15 minutes with approximately one gallon of produced water misting onto the ground.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2310931339
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Immediate notice was given to the NMOCD via email and a NOR was submitted within 24 hours.	

Initial Response

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

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: _____ Monica Smith _____ Title: Environmental Specialist

Signature: _____MonicaSmith_____ Date: __5/2/2023_____

email: _____msmith@harvestmidstream.com____ Telephone: ___505-632-4625_____

OCD Only

Received by: _____Jocelyn Harimon_____ Date: __05/03/2023__

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2310931339
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?	50-100 (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.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2310931339
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Monica Smith _____ Title: Environmental Specialist

Signature: _MonicaSmith_____ Date: __8/31/2023_____

email: _____msmith@harvestmidstream.com____ Telephone: ___505-632-4625_____

OCD Only

Received by: Shelly Wells Date: 9/7/2023

Incident ID	nAPP2310931339
District RP	
Facility ID	
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: _____ Monica Smith _____ Title: Environmental Specialist

Signature: ___MonicaSmith _____ Date: __8/31/2023_____

email: _____msmith@harvestmidstream.com____ Telephone: ___505-632-4625_____

OCD Only

Received by: Shelly Wells Date: 9/7/2023

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

Signature: _____ Date: _____

Incident ID	nAPP2310931339
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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

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: _____

ASME Relief Valve Sizing

21-Apr-23

Enter One Value Only	-	SCFM
or		MMscf/d
or	-	lb/hr
Flow Required		MMscf/D

332	Relieving Pressure (Psig)	
12.50	Atmospheric Pressure (Psia)	
50	Relieving Temp (F)	
0.70	Specific Gravity of Gas (SG)	
0.859	ASME Flow Coefficient (K)	
344	Gas Constant (C)	
2.853	Area (in**2)	

Calculated	**17,091**	**SCFM**
Relief Valve Capacity	**24.611**	**MMscf/d**
	54,775	**lb/hr**
Or Area	-	**Area (In**2)**

PSV Manufacturer: Axelson

Orifice Size:	2.853 sq in
Relief Pressure:	332 psig
PSV Relief Capacity at Relief Pressure:	17,091 SCFM
Duration:	15 min
Gas Loss:	256 Mcf

Sizing Calculations

345	Relieving Pressure	P (psia)	(Selected Relieving Pressure Should Include Allowable Buildup.)
570	Relieving Temp	T (Deg R)	
14.7	P base	psia	
520	T base	Deg R	
1.0	Z base		
1.0	Z relieving	z	(Can assume z = 1.0 to be conservative.)
20.3	Molecular Weight	M	=SG*MW of Air (28.964)
0.05342	Gas Density	lb/ft**3	=Pbase*(MW)/(Zbase*R(10.73)*Tbase) (At exit conditions, STP)
0.859	Flow Coefficient	K	(Use Manufacture's Coefficient.)
344	Gas Constant	C	(Normally 344 for .6 SG, Natural Gas)
-	SCFM		
-	MMscf/d		
-	lb/hr		
2.8530	Actual Flow Area	A (in**2)	

-	Given SCFM solving for Area (in**2)	=(SCFM*Density*60)/(K*C*P*(SQRT(M/zT)))
-	Given MMscf/d solving for Area (in**2)	=(MMscfd*Density*1000000/24)/(K*C*P*(SQRT(M/zT)))
-	Given lb/hr solving for Area (in**2)	=(lb/hr)/(K*C*P*(SQRT(M/zT)))
17,091	Given Area Solving for SCFM	=(K*A*C*P)/(Density*60)*(SQRT(M/zT))
24.611	Given Area Solving for MMscf/d	=(K*A*C*P)/(Density*1000000/24)*(SQRT(M/zT))
54,775	Given Area Solving for lb/hr	=(K*A*C*P)*(SQRT(M/zT))

Note: Reference equations are from Appendix 11, Section VIII of the ASME Boiler and Pressure Vessel Code.

From: Velez, Nelson, EMNRD
To: Brooke Herb
Cc: Monica Smith; Wes Weichert
Subject: Re: [EXTERNAL] # nAPP2310931339 - Decker Junction CS Extension Request
Date: Friday, July 14, 2023 2:34:37 PM
Attachments: image001.png
image002.png
image003.png
image004.png
Outlook-yjcyq5sv.png

[**EXTERNAL EMAIL**]
Good afternoon Brooke,

Thanks for the correspondence. Your 90-day time extension request on behalf of Harvest Four Corners, LLC is approved. The Remediation Due date has been updated to October 16, 2023.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez ● Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Brooke Herb <bherb@ensolum.com>
Sent: Friday, July 14, 2023 2:24 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Monica Smith <msmith@harvestmidstream.com>; Wes Weichert <wweichert@ensolum.com>
Subject: [EXTERNAL] # nAPP2310931339 - Decker Junction CS Extension Request

Nelson,

On behalf of Harvest Four Corners, LLC, Ensolum is submitting this extension request for the Decker Junction Compressor Station release, incident # nAPP2310931339. The site is located at coordinates 36.96739°, -107.91826° in San Juan County, New Mexico. Only 1 gallon of produced water and 256 MCF of natural gas was released, so it likely overprinted a historical release. Harvest initially excavated an area of approximately 20 feet by 29 feet, however analytical results from the excavation soil samples indicated that additional delineation was required. Due to the active equipment and pipelines in place in the vicinity of the release both inside and outside the facility fence, Harvest requested Ensolum conduct a delineation of the release with a hand auger on July 7, 2023. A figure with the current excavation extent and analytical results from the hand auger delineation is attached. Harvest is requesting a 90-day extension, from July 16, 2023, to October 14, 2023, to conduct additional delineation at the Site. Harvest intends to fully delineate the release inside and outside the facility fence and request deferral. Based on the original mapping of the release and current analytical results, the release extends approximately 12 feet by 17 feet outside the facility but is within Harvest's 40-foot pipeline right of way.

Please reach out with any questions or comments regarding this request.

Thank you,
Brooke

Brooke Herb
Senior Geologist
970-403-6824
Ensolum, LLC

ENSOLUM

August 28, 2023

New Mexico Oil Conservation Division
New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Release Delineation and Deferral Request
Decker Junction Compressor Station
San Juan County, New Mexico
Harvest Four Corners, LLC
NMOCD Incident No: nAPP2310931339

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Harvest Four Corners, LLC (Harvest), presents the following *Release Delineation and Deferral Request* (Request) detailing soil sampling and site delineation activities for a release at the Decker Junction Compressor Station (Site). The Site is located on private property in Unit I, Section 19, Township 32 North, Range 10 West, in San Juan County, New Mexico (Figure 1). The purpose of the soil sampling and delineation activities was to confirm the presence or absence of impacts to soil following a release of produced water and natural gas release at the Site. Based on field observations, field screening, and laboratory analytical results from soil sampling activities, Harvest is submitting this Deferral Request for the release at the Site.

RELEASE BACKGROUND

On April 17, 2023, a pressure relief valve (PRV) set at 500 psi lifted prematurely at 332 psi, indicating a PRV failure. Gas was vented for 15 minutes with approximately one (1) gallon of produced water misting onto the ground. The produced water mist sprayed east of the PRV and extended approximately 10 feet outside of the fenced compressor station within an existing Harvest pipeline right-of-way (ROW, Figure 2). Emergency response activities began immediately, including surface sampling of impacts and excavation of visibly stained soils. Approximately 22 cubic yards of soil were excavated and disposed of at a licensed disposal facility.

An initial Release Notification and Corrective Action Form C-141 (Form C-141) was submitted to the NMOCD on May 2, 2023, and has been updated and included with this report. The release was assigned Incident Number nAPP2310931339.

SITE DESCRIPTION AND CLOSURE CRITERIA

Ensolum characterized the Site to determine applicability of 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 between 50 and 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is New Mexico Office of State Engineer (NMOSE) well SJ-03429 (Appendix A), a monitoring well located approximately 1,400

feet east of the Site. This monitoring well has a depth-to-groundwater of approximately 54 feet bgs. The ground surface elevation at SJ-03429 is approximately 6,052 feet above mean sea level (amsl), which is approximately 2 feet lower in elevation than the Site.

The closest significant watercourse to the Site is an unnamed ephemeral stream, located approximately 80 feet to the east. The Site is also within 1,000 feet of a 100-year floodplain. 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, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and does not overlie a subsurface mine. The Site is located in a low potential karst area. Figure 1 shows the Site in relation to the above potential receptors.

Based on the results of the Site Characterization, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

- 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

DELINEATION SOIL SAMPLING AND ANALYTICAL RESULTS

Ensolum personnel conducted initial surface sampling of visually impacted soil near the failed PRV on May 12, 2023. Two 5-point composite surface samples were collected, one from inside of the compressor station fence (SS02) and one from outside the fence (SS01). A photographic log of the Site including a picture of the visually impacted soil is included in Appendix B. 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 delivered via laboratory courier under strict chain-of-custody (COC) procedures to Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico for analysis of BTEX by United States Environmental Protection Agency (EPA) Method 8021B, TPH-GRO, TPH-DRO, and TPH-MRO by EPA Method 8015M/D, and Chloride anion by EPA Method 300.0. Analytical results from the initial surface soil sampling indicated that both samples, SS01 and SS02 were in exceedance of the required closure criteria for total TPH. Analytical results are presented in Table 1. Laboratory analytical reports and COC documentation for the soil samples are included as Appendix C.

Harvest personnel removed the top 1 to 2 feet of visually impacted material with an excavator following the surface sampling on May 12, 2023. Ensolum returned to the Site on June 28, 2023, to collect delineation samples from the excavation and surrounding area to assess for the presence of impacted soil following the excavation activities. One 3-point composite sample was collected from the excavation floor and three pothole samples were collected at depths between 1.0 to 3.5 feet bgs within the excavation. However, initial field screening with a calibrated Photoionization Detector (PID) indicated elevated levels of volatile organic compounds (VOCs) within all three pothole samples. Additionally, remaining visual surface staining was noted and the decision was made to return with an excavator and dig out the remaining impacted soil before completing the delineation sampling.

Ensolum returned to the Site on July 7, 2023 and July 28, 2023, to conduct hand auger delineation sampling following additional excavation by Harvest. The excavation was dug to a depth of approximately 3 feet deep and the perimeter was expanded to include all visually impacted soil. Locations of the soil samples are shown on Figure 2. A total of nine hand auger boreholes were

advanced, with samples collected from depths between 1 and 7 feet bgs. Samples were collected directly into laboratory provided containers and placed on ice. The soil samples were delivered via laboratory courier under strict COC procedures to Hall in Albuquerque, New Mexico for analysis of BTEX by EPA Method 8021B, TPH-GRO, TPH-DRO, and TPH-MRO by EPA Method 8015M/D, and Chloride anion by EPA Method 300.0.

Analytical results indicate total TPH concentrations at HA01, HA02 and HA05 were in exceedance of the Closure Criteria at depths between 2 to 4 feet bgs. BTEX compounds and chloride concentrations were either not detected or were below closure criteria in all of the other delineation soil samples. Analytical results are summarized in Table 1.

DEFERRAL REQUEST

Following the release, Harvest initiated excavation efforts and removed all surficial impacted material. Subsequent delineation soil-sampling activities conducted by Ensolum indicated that impacted soil remains in a limited area at the Site at depths to 4 feet bgs at HA01 and HA02, and to 2 feet bgs in HA05. Laboratory analytical results at soil sample locations HA02A, HA03, HA04, HA06, HA07, and HA08 indicate that the lateral extent of the release has successfully been delineated. Soil samples collected from 5-feet to 7-feet bgs from the borehole locations within the release extent vertically delineated impacts at the Site.. Based on the vertical and aerial extent of the impacts and delineation soil sampling results, approximately 10 cubic yards of impacted soil remain in place at the Site within an active pipeline right-of-way.

Based on the results presented in this report, Ensolum and Harvest do not believe deferment of the remaining impacted soil will result in imminent risk to human health, the environment, or groundwater. Specifically, heavily impacted soil has been removed and disposed off-Site and impacted soil remaining at the Site is restricted to depths less than 4 feet within an existing pipeline right-of-way. In accordance with 19.15.29.12 C NMAC. (2), Harvest is proposing to leave in place approximately 10 cubic yards of impacted soil at the Site until facility closure or major deconstruction, whichever occurs first. Accordingly, Harvest requests deferral of final remediation at the Site until equipment in this area is removed or the facility is closed.

We appreciate the opportunity to provide this report to the NMOCD. If you should have any questions or comments regarding this document, please contact the undersigned.

Sincerely,

Ensolum, LLC

Wes Weichert, PG
Project Geologist
(816) 266-8732
wweichert@ensolum.com

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

cc: Monica Smith, Harvest Four Corners, LLC

Attachments:
Figure 1: Site Receptor Map
Figure 2: Soil Sampling Locations

ENSOLUM

FIGURES

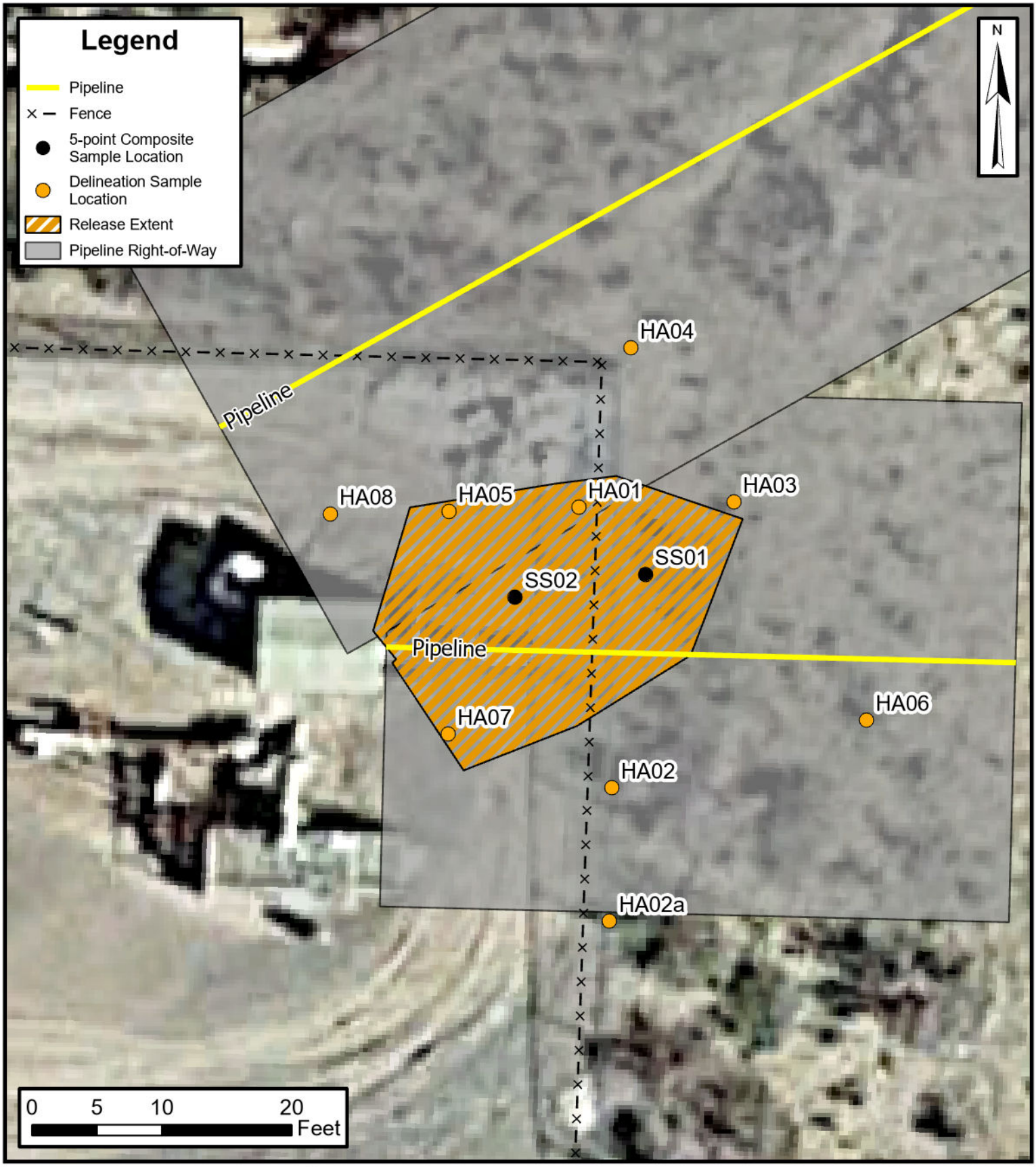
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Receptor Map

Decker Junction Compressor Station
Harvest Four Corners, LLC
36.96739, -107.91826
San Juan County, New Mexico

FIGURE
1

Sources: Google Earth



ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Soil Sampling Locations

Decker Junction Compressor Station
Harvest Four Corners, LLC
36.96739, -107.91826
San Juan County, New Mexico

FIGURE
2

Sources: Google Earth

ENSOLUM

TABLE

ENSOLUM

TABLE 1
DELINEATION SOIL SAMPLE ANALYTICAL RESULTS
Decker Junction Compressor Station
Harvest Four Corners, LLC
San Juan County, New Mexico

Sample Designation	Date	Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (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**
Initial 5-point composite soil sampling (surface)												
SS01	5/12/2023	0	0.13	3.0	1.1	11	15.23	120	270	3,900	**4,290**	<60
SS02	5/12/2023	0	0.045	1.2	0.82	9.1	11.17	110	340	4,500	**4,950**	<60
Delineation soil sampling												
HA01 @ 4'	7/7/2023	4	2.3	14	2.2	16	34.50	660	<9.6	<48	**660**	<60
HA01 @ 7'	7/7/2023	7	0.056	1.5	0.44	4.8	6.80	71	<9.1	<45	71	<60
HA02 @ 2'	7/7/2023	2	1.9	14	1.7	20	37.60	580	<9.6	<48	**580**	<60
HA02 @ 4'	7/7/2023	4	1.3	8.4	1.2	12	22.90	430	<9.6	<48	**430**	<60
HA02 @ 7'	7/28/2023	7	<0.022	<0.043	<0.043	<0.086	<0.086	<4.3	9.8	<49	10	260
HA02A @ 1'	7/7/2023	1	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.0	<45	<45	<61
HA02A @ 3'	7/7/2023	3	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.1	<46	<46	<60
HA02A @ 7'	7/28/2023	7	<0.026	<0.051	<0.051	<0.010	<0.010	<5.1	<9.9	<50	50	350
HA03 @ 1'	7/7/2023	1	<0.024	0.16	<0.049	0.13	0.29	<4.9	<10	<50	<50	<60
HA03 @ 3'	7/7/2023	3	<0.025	0.12	<0.050	0.35	0.47	<5.0	<9.9	<49	<49	75
HA03 @ 7'	7/28/2023	7	<0.019	0.053	<0.038	<0.077	0.053	<3.8	<9.8	<49	<49	71
HA04 @ 1'	7/7/2023	1	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<8.7	78	78	<60
HA04 @ 3'	7/7/2023	3	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.7	<49	<49	<60
HA04 @ 7'	7/28/2023	7	<0.026	<0.052	<0.052	<0.010	<0.010	<5.2	<9.8	<49	<49	<60
HA05 @ 2'	7/7/2023	2	0.57	11	2.1	27	40.67	580	<9.7	<48	**580**	<60
HA05 @ 5'	7/7/2023	5	0.053	0.59	0.11	1.4	2.15	24	<9.8	<49	24	<60
HA06 @ 1'	7/28/2023	1	<0.020	<0.041	<0.041	<0.082	<0.082	<4.1	<9.5	<47	<47	<60
HA07 @ 5'	7/28/2023	5	<0.025	<0.050	0.10	0.49	0.59	78	<9.3	<47	78	<60
HA07 @ 7'	7/28/2023	7	<0.018	<0.037	<0.037	<0.074	<0.074	<3.7	<9.9	<49	<49	<60
HA08 @ 1'	7/28/2023	1	<0.022	<0.043	<0.087	<0.087	<0.087	<4.3	<9.9	<49	<49	<60
HA08 @ 7'	7/28/2023	7	<0.018	<0.037	<0.037	<0.073	<0.073	<3.7	<9.3	<47	<47	<60

Notes:

bgs: below ground surface
BTEX: Benzene, Toluene, Ethylbenzene, and Xyler
mg/kg: milligrams per kilogram
NA: Not Analyzed
NE: Not Established
NMOCD: New Mexico Oil Conservation Division
': feet
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** and shaded exceed the New Mexico Oil Conservation Division Table 1 Closure Criteria for Soils Impacted by a Rel*

ENSOLUM

APPENDIX A – NMOSE Well Summary

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: SJ 03429 **Subbasin:** SJAR **Cross Reference:** -

Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

Primary Status: PMT PERMIT

Total Acres: **Subfile:** - **Header:** -

Total Diversion: 3 **Cause/Case:** -

Owner: TACTICAL SOLUTIONS INSTITUTE

Contact: ' '

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	288115	72121	2003-10-20	PMT	LOG	SJ 03429	T		3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
SJ 03429		Shallow	3	1	3	20	32N	10W	240675	4095316*	95 ROAD 2310

***An (*) after northing value indicates UTM location was derived from PLSS - see Help**

ENSOLUM

APPENDIX B – Photographic Log

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Photographic Log
Decker Junction
Compressor Station
Harvest Four Corners, LLC
San Juan County, New Mexico

Photo #1
Surface staining from produced water release – Looking North.

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Photographic Log
Decker Junction
Compressor Station
Harvest Four Corners, LLC
San Juan County, New Mexico

Photo #2
Surface staining from produced water release – Looking Southeast.

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Photographic Log
Decker Junction
Compressor Station
Harvest Four Corners, LLC
San Juan County, New Mexico

Photo #3
Visual staining outside of fenced compressor station – Looking North

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Photographic Log
Decker Junction
Compressor Station
Harvest Four Corners, LLC
San Juan County, New Mexico

Photo #4
Excavation area – Looking North.

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Photographic Log
Decker Junction
Compressor Station
Harvest Four Corners, LLC
San Juan County, New Mexico

Photo #5
Area of excavation outside of fence – Looking West.

ENSOLUM

APPENDIX C –
Laboratory Analytical Reports

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

May 24, 2023

Monica Smith

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

RE: Decker Junction Compressor Station OrderNo.: 2305753

Dear Monica Smith:

Hall Environmental Analysis Laboratory received 2 sample(s) on 5/13/2023 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 **2305753**
Date Reported: **5/24/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: SS01
Project: Decker Junction Compressor Station
Collection Date: 5/12/2023 11:10:00 AM
Lab ID: 2305753-001 **Matrix:** SOIL
Received Date: 5/13/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **SNS**	
Chloride	ND	60		mg/Kg	20	5/22/2023 5:30:07 PM	75109
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	270	99		mg/Kg	10	5/22/2023 11:09:31 AM	75018
Motor Oil Range Organics (MRO)	3900	500		mg/Kg	10	5/22/2023 11:09:31 AM	75018
Surr: DNOP	0	69-147	S	%Rec	10	5/22/2023 11:09:31 AM	75018
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	120	4.8		mg/Kg	1	5/19/2023 8:36:00 PM	74988
Surr: BFB	435	15-244	S	%Rec	1	5/19/2023 8:36:00 PM	74988
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	0.13	0.024		mg/Kg	1	5/18/2023 7:32:00 PM	74988
Toluene	3.0	0.048		mg/Kg	1	5/18/2023 7:32:00 PM	74988
Ethylbenzene	1.1	0.048		mg/Kg	1	5/18/2023 7:32:00 PM	74988
Xylenes, Total	11	0.095		mg/Kg	1	5/18/2023 7:32:00 PM	74988
Surr: 4-Bromofluorobenzene	221	39.1-146	S	%Rec	1	5/18/2023 7:32:00 PM	74988

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

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order **2305753**
Date Reported: **5/24/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: SS02
Project: Decker Junction Compressor Station
Collection Date: 5/12/2023 11:13:00 AM
Lab ID: 2305753-002 **Matrix:** SOIL
Received Date: 5/13/2023 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **SNS**	
Chloride	ND	60		mg/Kg	20	5/22/2023 5:42:32 PM	75109
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	340	84		mg/Kg	10	5/22/2023 11:33:26 AM	75018
Motor Oil Range Organics (MRO)	4500	420		mg/Kg	10	5/22/2023 11:33:26 AM	75018
Surr: DNOP	0	69-147	S	%Rec	10	5/22/2023 11:33:26 AM	75018
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	110	4.9		mg/Kg	1	5/19/2023 8:57:00 PM	74988
Surr: BFB	418	15-244	S	%Rec	1	5/19/2023 8:57:00 PM	74988
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	0.045	0.024		mg/Kg	1	5/18/2023 7:54:00 PM	74988
Toluene	1.2	0.049		mg/Kg	1	5/18/2023 7:54:00 PM	74988
Ethylbenzene	0.82	0.049		mg/Kg	1	5/18/2023 7:54:00 PM	74988
Xylenes, Total	9.1	0.097		mg/Kg	1	5/18/2023 7:54:00 PM	74988
Surr: 4-Bromofluorobenzene	224	39.1-146	S	%Rec	1	5/18/2023 7:54:00 PM	74988

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

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/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#: **2305753**

24-May-23

Client: Harvest

Project: Decker Junction Compressor Station

Sample ID: **MB-75109**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBS**	Batch ID: **75109**	RunNo: **96913**							
Prep Date: **5/22/2023**	Analysis Date: **5/22/2023**	SeqNo: **3517263**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-75109**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **75109**	RunNo: **96913**							
Prep Date: **5/22/2023**	Analysis Date: **5/22/2023**	SeqNo: **3517264**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.5	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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/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#: **2305753**

24-May-23

Client: Harvest

Project: Decker Junction Compressor Station

Sample ID: **LCS-75018**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **75018**	RunNo: **96907**							
Prep Date: **5/17/2023**	Analysis Date: **5/19/2023**	SeqNo: **3515397**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	77	10	50.00	0	155	61.9	130			S
Surr: DNOP	8.2		5.000		163	69	147			S

Sample ID: **MB-75018**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **PBS**	Batch ID: **75018**	RunNo: **96907**							
Prep Date: **5/17/2023**	Analysis Date: **5/19/2023**	SeqNo: **3515401**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		116	69	147			

Sample ID: **LCS-75018**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**							
Client ID: **LCSS**	Batch ID: **75018**	RunNo: **96925**							
Prep Date: **5/17/2023**	Analysis Date: **5/22/2023**	SeqNo: **3517131**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	97.6	61.9	130			
Surr: DNOP	5.3		5.000		106	69	147			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/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#: **2305753**

24-May-23

Client: Harvest

Project: Decker Junction Compressor Station

Sample ID: **mb-74988**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **74988**	RunNo: **96906**
Prep Date: **5/16/2023**	Analysis Date: **5/19/2023**	SeqNo: **3515415** 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	900		1000		90.5	15	244			

Sample ID: **lcs-74988**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **74988**	RunNo: **96906**
Prep Date: **5/16/2023**	Analysis Date: **5/19/2023**	SeqNo: **3515416** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	94.6	70	130			
Surr: BFB	1900		1000		191	15	244			

Sample ID: **mb-74964**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **74964**	RunNo: **96906**
Prep Date: **5/15/2023**	Analysis Date: **5/19/2023**	SeqNo: **3515469** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	870		1000		87.5	15	244			

Sample ID: **lcs-74964**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **74964**	RunNo: **96906**
Prep Date: **5/15/2023**	Analysis Date: **5/19/2023**	SeqNo: **3515470** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1900		1000		190	15	244			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/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#: **2305753**

24-May-23

Client: Harvest

Project: Decker Junction Compressor Station

Sample ID: **lcs-74988**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **74988**	RunNo: **96869**
Prep Date: **5/16/2023**	Analysis Date: **5/18/2023**	SeqNo: **3513975** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.9	70	130			
Toluene	0.87	0.050	1.000	0	87.2	70	130			
Ethylbenzene	0.85	0.050	1.000	0	84.8	70	130			
Xylenes, Total	2.5	0.10	3.000	0	83.9	70	130			
Surr: 4-Bromofluorobenzene	0.86		1.000		86.4	39.1	146			

Sample ID: **mb-74988**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **74988**	RunNo: **96869**
Prep Date: **5/16/2023**	Analysis Date: **5/18/2023**	SeqNo: **3513976** 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	0.85		1.000		84.9	39.1	146			

Sample ID: **mb-74964**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **74964**	RunNo: **96906**
Prep Date: **5/15/2023**	Analysis Date: **5/19/2023**	SeqNo: **3515482** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.85		1.000		84.6	39.1	146			

Sample ID: **lcs-74964**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **74964**	RunNo: **96906**
Prep Date: **5/15/2023**	Analysis Date: **5/20/2023**	SeqNo: **3515483** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.86		1.000		85.7	39.1	146			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/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: 2305753 | RcptNo: 1

Received By: Juan Rojas 5/13/2023 7:20:00 AM

Completed By: Juan Rojas 5/13/2023 8:27:52 AM

Reviewed By: JMS 5/13/23

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: TMC 5/13/23

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:

Client missing mailing address and phone number on COC. JR 5/13/23

17. **Cooler Information**

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

Chain-of-Custody Record

Client: Harvest Midstream

Attn: Monica Smith

Mailing Address:

Phone #:

email or Fax#: msmith@harvestmidstream.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

5-day

☑ Standard ☐ Rush

Project Name: Decker Junction Compressor Station

Project #:

Project Manager: Brooke Herb bherb@ensolum.com

Sampler: Reece Hanson

On Ice: ☑ Yes ☐ No

# of Coolers: 1 (Marty)

Cooler Temp(Including CF): 1.1 (-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.	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)
5/12/23	1110	soil	SS01	1, 4oz	Cool	2305753-001	X	X					X			
↓	1113	↓	SS02	↓	↓	-002	X	X					X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time	Remarks:
5/12/23	1306				5/12/23	1306	cc: rhanson@ensolum.com
5/12/23	1804			courier	5/13/23	7:20	

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

July 17, 2023

Monica Smith

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

RE: Decker Junction Comp OrderNo.: 2307257

Dear Monica Smith:

Hall Environmental Analysis Laboratory received 12 sample(s) on 7/8/2023 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 **2307257**
Date Reported: **7/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: HA01@4'
Project: Decker Junction Comp
Collection Date: 7/7/2023 11:25:00 AM
Lab ID: 2307257-001 **Matrix:** SOIL **Received Date:** 7/8/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	7/12/2023 7:56:11 PM	76161
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/13/2023 3:06:26 PM	76156
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/13/2023 3:06:26 PM	76156
Surr: DNOP	99.0	69-147		%Rec	1	7/13/2023 3:06:26 PM	76156
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	660	50		mg/Kg	10	7/13/2023 1:20:39 PM	76095
Surr: BFB	192	15-244		%Rec	10	7/13/2023 1:20:39 PM	76095
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	2.3	0.025		mg/Kg	1	7/13/2023 12:37:35 AM	76095
Toluene	14	0.50		mg/Kg	10	7/13/2023 1:20:39 PM	76095
Ethylbenzene	2.2	0.050		mg/Kg	1	7/13/2023 12:37:35 AM	76095
Xylenes, Total	16	0.99		mg/Kg	10	7/13/2023 1:20:39 PM	76095
Surr: 4-Bromofluorobenzene	127	39.1-146		%Rec	1	7/13/2023 12:37:35 AM	76095

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307257**
Date Reported: **7/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: HA01@7'
Project: Decker Junction Comp
Collection Date: 7/7/2023 11:45:00 AM
Lab ID: 2307257-002 **Matrix:** SOIL **Received Date:** 7/8/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	7/12/2023 8:33:26 PM	76161
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	7/13/2023 3:17:12 PM	76156
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	7/13/2023 3:17:12 PM	76156
Surr: DNOP	116	69-147		%Rec	1	7/13/2023 3:17:12 PM	76156
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	71	4.9		mg/Kg	1	7/13/2023 1:48:07 AM	76095
Surr: BFB	413	15-244	S	%Rec	1	7/13/2023 1:48:07 AM	76095
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	0.056	0.025		mg/Kg	1	7/13/2023 1:48:07 AM	76095
Toluene	1.5	0.049		mg/Kg	1	7/13/2023 1:48:07 AM	76095
Ethylbenzene	0.44	0.049		mg/Kg	1	7/13/2023 1:48:07 AM	76095
Xylenes, Total	4.8	0.099		mg/Kg	1	7/13/2023 1:48:07 AM	76095
Surr: 4-Bromofluorobenzene	97.3	39.1-146		%Rec	1	7/13/2023 1:48:07 AM	76095

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307257**
Date Reported: **7/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: HA02@2'
Project: Decker Junction Comp
Collection Date: 7/7/2023 1:02:00 PM
Lab ID: 2307257-003 **Matrix:** SOIL **Received Date:** 7/8/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	7/12/2023 8:45:51 PM	76161
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/13/2023 3:27:59 PM	76156
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/13/2023 3:27:59 PM	76156
Surr: DNOP	95.4	69-147		%Rec	1	7/13/2023 3:27:59 PM	76156
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	580	49		mg/Kg	10	7/13/2023 1:44:25 PM	76095
Surr: BFB	175	15-244		%Rec	10	7/13/2023 1:44:25 PM	76095
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	1.9	0.025		mg/Kg	1	7/13/2023 2:11:38 AM	76095
Toluene	14	0.49		mg/Kg	10	7/13/2023 1:44:25 PM	76095
Ethylbenzene	1.7	0.049		mg/Kg	1	7/13/2023 2:11:38 AM	76095
Xylenes, Total	20	0.98		mg/Kg	10	7/13/2023 1:44:25 PM	76095
Surr: 4-Bromofluorobenzene	119	39.1-146		%Rec	1	7/13/2023 2:11:38 AM	76095

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307257**
Date Reported: **7/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: HA02@4'
Project: Decker Junction Comp
Collection Date: 7/7/2023 1:15:00 PM
Lab ID: 2307257-004 **Matrix:** SOIL **Received Date:** 7/8/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	7/12/2023 8:58:16 PM	76161
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/13/2023 3:38:47 PM	76156
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/13/2023 3:38:47 PM	76156
Surr: DNOP	98.3	69-147		%Rec	1	7/13/2023 3:38:47 PM	76156
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	430	25		mg/Kg	5	7/13/2023 2:31:57 PM	76095
Surr: BFB	216	15-244		%Rec	5	7/13/2023 2:31:57 PM	76095
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	1.3	0.025		mg/Kg	1	7/13/2023 2:35:08 AM	76095
Toluene	8.4	0.25		mg/Kg	5	7/13/2023 2:31:57 PM	76095
Ethylbenzene	1.2	0.049		mg/Kg	1	7/13/2023 2:35:08 AM	76095
Xylenes, Total	12	0.098		mg/Kg	1	7/13/2023 2:35:08 AM	76095
Surr: 4-Bromofluorobenzene	110	39.1-146		%Rec	1	7/13/2023 2:35:08 AM	76095

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307257**
Date Reported: **7/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: HA02A@1'
Project: Decker Junction Comp
Collection Date: 7/7/2023 2:27:00 PM
Lab ID: 2307257-005 **Matrix:** SOIL **Received Date:** 7/8/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	61		mg/Kg	20	7/12/2023 9:10:40 PM	76161
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	7/13/2023 3:49:37 PM	76156
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	7/13/2023 3:49:37 PM	76156
Surr: DNOP	97.6	69-147		%Rec	1	7/13/2023 3:49:37 PM	76156
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/13/2023 2:58:36 AM	76095
Surr: BFB	103	15-244		%Rec	1	7/13/2023 2:58:36 AM	76095
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.024		mg/Kg	1	7/13/2023 2:58:36 AM	76095
Toluene	ND	0.049		mg/Kg	1	7/13/2023 2:58:36 AM	76095
Ethylbenzene	ND	0.049		mg/Kg	1	7/13/2023 2:58:36 AM	76095
Xylenes, Total	ND	0.098		mg/Kg	1	7/13/2023 2:58:36 AM	76095
Surr: 4-Bromofluorobenzene	79.6	39.1-146		%Rec	1	7/13/2023 2:58:36 AM	76095

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307257**
Date Reported: **7/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: HA02A@3'
Project: Decker Junction Comp
Collection Date: 7/7/2023 2:33:00 PM
Lab ID: 2307257-006 **Matrix:** SOIL **Received Date:** 7/8/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	540	60		mg/Kg	20	7/12/2023 9:23:05 PM	76161
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	7/13/2023 4:00:28 PM	76156
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/13/2023 4:00:28 PM	76156
Surr: DNOP	99.1	69-147		%Rec	1	7/13/2023 4:00:28 PM	76156
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/13/2023 3:22:04 AM	76095
Surr: BFB	97.7	15-244		%Rec	1	7/13/2023 3:22:04 AM	76095
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.025		mg/Kg	1	7/13/2023 3:22:04 AM	76095
Toluene	ND	0.050		mg/Kg	1	7/13/2023 3:22:04 AM	76095
Ethylbenzene	ND	0.050		mg/Kg	1	7/13/2023 3:22:04 AM	76095
Xylenes, Total	ND	0.10		mg/Kg	1	7/13/2023 3:22:04 AM	76095
Surr: 4-Bromofluorobenzene	80.5	39.1-146		%Rec	1	7/13/2023 3:22:04 AM	76095

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307257**
Date Reported: **7/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: HA03@1'
Project: Decker Junction Comp
Collection Date: 7/7/2023 1:50:00 PM
Lab ID: 2307257-007 **Matrix:** SOIL **Received Date:** 7/8/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	7/12/2023 9:35:29 PM	76161
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/13/2023 4:11:21 PM	76156
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/13/2023 4:11:21 PM	76156
Surr: DNOP	106	69-147		%Rec	1	7/13/2023 4:11:21 PM	76156
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/13/2023 3:45:31 AM	76095
Surr: BFB	96.9	15-244		%Rec	1	7/13/2023 3:45:31 AM	76095
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.024		mg/Kg	1	7/13/2023 3:45:31 AM	76095
Toluene	0.16	0.049		mg/Kg	1	7/13/2023 3:45:31 AM	76095
Ethylbenzene	ND	0.049		mg/Kg	1	7/13/2023 3:45:31 AM	76095
Xylenes, Total	0.13	0.098		mg/Kg	1	7/13/2023 3:45:31 AM	76095
Surr: 4-Bromofluorobenzene	80.9	39.1-146		%Rec	1	7/13/2023 3:45:31 AM	76095

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307257**
Date Reported: **7/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: HA03@3'
Project: Decker Junction Comp
Collection Date: 7/7/2023 1:57:00 PM
Lab ID: 2307257-008 **Matrix:** SOIL **Received Date:** 7/8/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	75	60		mg/Kg	20	7/12/2023 9:47:54 PM	76161
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/13/2023 4:22:13 PM	76156
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/13/2023 4:22:13 PM	76156
Surr: DNOP	122	69-147		%Rec	1	7/13/2023 4:22:13 PM	76156
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/13/2023 4:09:00 AM	76095
Surr: BFB	98.5	15-244		%Rec	1	7/13/2023 4:09:00 AM	76095
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.025		mg/Kg	1	7/13/2023 4:09:00 AM	76095
Toluene	0.12	0.050		mg/Kg	1	7/13/2023 4:09:00 AM	76095
Ethylbenzene	ND	0.050		mg/Kg	1	7/13/2023 4:09:00 AM	76095
Xylenes, Total	0.35	0.10		mg/Kg	1	7/13/2023 4:09:00 AM	76095
Surr: 4-Bromofluorobenzene	80.9	39.1-146		%Rec	1	7/13/2023 4:09:00 AM	76095

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307257**
Date Reported: **7/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: HA04@1'
Project: Decker Junction Comp
Collection Date: 7/7/2023 2:00:00 PM
Lab ID: 2307257-009 **Matrix:** SOIL **Received Date:** 7/8/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	7/12/2023 10:00:18 PM	76161
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	7/13/2023 4:33:04 PM	76156
Motor Oil Range Organics (MRO)	78	44		mg/Kg	1	7/13/2023 4:33:04 PM	76156
Surr: DNOP	113	69-147		%Rec	1	7/13/2023 4:33:04 PM	76156
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/13/2023 4:32:29 AM	76095
Surr: BFB	93.3	15-244		%Rec	1	7/13/2023 4:32:29 AM	76095
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.025		mg/Kg	1	7/13/2023 4:32:29 AM	76095
Toluene	ND	0.050		mg/Kg	1	7/13/2023 4:32:29 AM	76095
Ethylbenzene	ND	0.050		mg/Kg	1	7/13/2023 4:32:29 AM	76095
Xylenes, Total	ND	0.10		mg/Kg	1	7/13/2023 4:32:29 AM	76095
Surr: 4-Bromofluorobenzene	77.5	39.1-146		%Rec	1	7/13/2023 4:32:29 AM	76095

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307257**
Date Reported: **7/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: HA04@3'
Project: Decker Junction Comp
Collection Date: 7/7/2023 2:07:00 PM
Lab ID: 2307257-010 **Matrix:** SOIL **Received Date:** 7/8/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	7/12/2023 10:12:43 PM	76161
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/13/2023 4:43:56 PM	76156
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/13/2023 4:43:56 PM	76156
Surr: DNOP	107	69-147		%Rec	1	7/13/2023 4:43:56 PM	76156
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/13/2023 5:19:24 AM	76095
Surr: BFB	95.7	15-244		%Rec	1	7/13/2023 5:19:24 AM	76095
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.025		mg/Kg	1	7/13/2023 5:19:24 AM	76095
Toluene	ND	0.049		mg/Kg	1	7/13/2023 5:19:24 AM	76095
Ethylbenzene	ND	0.049		mg/Kg	1	7/13/2023 5:19:24 AM	76095
Xylenes, Total	ND	0.099		mg/Kg	1	7/13/2023 5:19:24 AM	76095
Surr: 4-Bromofluorobenzene	80.7	39.1-146		%Rec	1	7/13/2023 5:19:24 AM	76095

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307257**
Date Reported: **7/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: HA05@2'
Project: Decker Junction Comp
Collection Date: 7/7/2023 12:00:00 PM
Lab ID: 2307257-011 **Matrix:** SOIL **Received Date:** 7/8/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	7/12/2023 10:25:08 PM	76161
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	7/13/2023 4:54:50 PM	76156
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/13/2023 4:54:50 PM	76156
Surr: DNOP	102	69-147		%Rec	1	7/13/2023 4:54:50 PM	76156
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	580	50		mg/Kg	10	7/13/2023 2:08:09 PM	76095
Surr: BFB	219	15-244		%Rec	10	7/13/2023 2:08:09 PM	76095
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	0.57	0.025		mg/Kg	1	7/13/2023 5:42:55 AM	76095
Toluene	11	0.50		mg/Kg	10	7/13/2023 2:08:09 PM	76095
Ethylbenzene	2.1	0.050		mg/Kg	1	7/13/2023 5:42:55 AM	76095
Xylenes, Total	27	0.99		mg/Kg	10	7/13/2023 2:08:09 PM	76095
Surr: 4-Bromofluorobenzene	135	39.1-146		%Rec	1	7/13/2023 5:42:55 AM	76095

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307257**
Date Reported: **7/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: HA05@5'
Project: Decker Junction Comp
Collection Date: 7/7/2023 12:15:00 PM
Lab ID: 2307257-012 **Matrix:** SOIL **Received Date:** 7/8/2023 9:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	7/12/2023 11:02:22 PM	76161
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **PRD**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/13/2023 5:05:44 PM	76156
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/13/2023 5:05:44 PM	76156
Surr: DNOP	105	69-147		%Rec	1	7/13/2023 5:05:44 PM	76156
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	24	4.9		mg/Kg	1	7/13/2023 6:06:23 AM	76095
Surr: BFB	181	15-244		%Rec	1	7/13/2023 6:06:23 AM	76095
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	0.053	0.024		mg/Kg	1	7/13/2023 6:06:23 AM	76095
Toluene	0.59	0.049		mg/Kg	1	7/13/2023 6:06:23 AM	76095
Ethylbenzene	0.11	0.049		mg/Kg	1	7/13/2023 6:06:23 AM	76095
Xylenes, Total	1.4	0.097		mg/Kg	1	7/13/2023 6:06:23 AM	76095
Surr: 4-Bromofluorobenzene	84.0	39.1-146		%Rec	1	7/13/2023 6:06:23 AM	76095

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307257**

17-Jul-23

Client: Harvest

Project: Decker Junction Comp

Sample ID: **MB-76161**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **76161**	RunNo: **98158**
Prep Date: **7/12/2023**	Analysis Date: **7/12/2023**	SeqNo: **3571835** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-76161**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **76161**	RunNo: **98158**
Prep Date: **7/12/2023**	Analysis Date: **7/12/2023**	SeqNo: **3571837** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.2	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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/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#: **2307257**

17-Jul-23

Client: Harvest

Project: Decker Junction Comp

Sample ID: **LCS-76160**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **76160**	RunNo: **98169**
Prep Date: **7/12/2023**	Analysis Date: **7/13/2023**	SeqNo: **3572216** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.5		5.000		110	69	147			

Sample ID: **LCS-76166**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **76166**	RunNo: **98169**
Prep Date: **7/13/2023**	Analysis Date: **7/13/2023**	SeqNo: **3572217** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4		5.000		87.4	69	147			

Sample ID: **MB-76160**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **76160**	RunNo: **98169**
Prep Date: **7/12/2023**	Analysis Date: **7/13/2023**	SeqNo: **3572219** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		107	69	147			

Sample ID: **MB-76166**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **76166**	RunNo: **98169**
Prep Date: **7/13/2023**	Analysis Date: **7/13/2023**	SeqNo: **3572220** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.2		10.00		91.7	69	147			

Sample ID: **LCS-76156**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **76156**	RunNo: **98169**
Prep Date: **7/12/2023**	Analysis Date: **7/13/2023**	SeqNo: **3572750** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	104	61.9	130			
Surr: DNOP	5.5		5.000		109	69	147			

Sample ID: **LCS-76168**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **76168**	RunNo: **98169**
Prep Date: **7/13/2023**	Analysis Date: **7/13/2023**	SeqNo: **3572752** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.3		5.000		85.0	69	147			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/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#: **2307257**

17-Jul-23

Client: Harvest

Project: Decker Junction Comp

Sample ID: **MB-76156**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **76156**	RunNo: **98169**
Prep Date: **7/12/2023**	Analysis Date: **7/13/2023**	SeqNo: **3572753** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		119	69	147			

Sample ID: **MB-76168**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **76168**	RunNo: **98169**
Prep Date: **7/13/2023**	Analysis Date: **7/13/2023**	SeqNo: **3572754** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.8		10.00		87.9	69	147			

Sample ID: **2307257-001AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **HA01@4'**	Batch ID: **76156**	RunNo: **98169**
Prep Date: **7/12/2023**	Analysis Date: **7/14/2023**	SeqNo: **3572922** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	39	9.3	46.47	0	83.1	54.2	135			
Surr: DNOP	4.3		4.647		92.9	69	147			

Sample ID: **2307257-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **HA01@4'**	Batch ID: **76156**	RunNo: **98169**
Prep Date: **7/12/2023**	Analysis Date: **7/14/2023**	SeqNo: **3572923** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	36	9.5	47.26	0	75.2	54.2	135	8.37	29.2	
Surr: DNOP	4.3		4.726		91.2	69	147	0	0	

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/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#: **2307257**

17-Jul-23

Client: Harvest

Project: Decker Junction Comp

Sample ID: **lcs-76094**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **76094**	RunNo: **98162**
Prep Date: **7/10/2023**	Analysis Date: **7/12/2023**	SeqNo: **3572011** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1900		1000		188	15	244			

Sample ID: **lcs-76095**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **76095**	RunNo: **98162**
Prep Date: **7/10/2023**	Analysis Date: **7/12/2023**	SeqNo: **3572012** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	91.3	70	130			
Surr: BFB	2100		1000		206	15	244			

Sample ID: **mb-76094**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **76094**	RunNo: **98162**
Prep Date: **7/10/2023**	Analysis Date: **7/12/2023**	SeqNo: **3572013** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	960		1000		96.3	15	244			

Sample ID: **mb-76095**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **76095**	RunNo: **98162**
Prep Date: **7/10/2023**	Analysis Date: **7/12/2023**	SeqNo: **3572014** 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	980		1000		97.8	15	244			

Sample ID: **lcs-76148**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **76148**	RunNo: **98173**
Prep Date: **7/12/2023**	Analysis Date: **7/13/2023**	SeqNo: **3572253** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	2000		1000		204	15	244			

Sample ID: **mb-76148**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **76148**	RunNo: **98173**
Prep Date: **7/12/2023**	Analysis Date: **7/13/2023**	SeqNo: **3572254** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	990		1000		98.7	15	244			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/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#: **2307257**

17-Jul-23

Client: Harvest

Project: Decker Junction Comp

Sample ID: **2307257-001ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **HA01@4'**	Batch ID: **76095**	RunNo: **98173**
Prep Date: **7/10/2023**	Analysis Date: **7/14/2023**	SeqNo: **3572908** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	440	49	24.56	663.4	-906	70	130			S
Surr: BFB	26000		9823		265	15	244			S

Sample ID: **2307257-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **HA01@4'**	Batch ID: **76095**	RunNo: **98173**
Prep Date: **7/10/2023**	Analysis Date: **7/14/2023**	SeqNo: **3572909** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	310	50	24.93	663.4	-1430	70	130	35.5	20	RS
Surr: BFB	15000		9970		146	15	244	0	0	

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/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#: **2307257**

17-Jul-23

Client: Harvest

Project: Decker Junction Comp

Sample ID: **LCS-76094**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **76094**	RunNo: **98162**
Prep Date: **7/10/2023**	Analysis Date: **7/12/2023**	SeqNo: **3572066** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.85		1.000		84.9	39.1	146			

Sample ID: **LCS-76095**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **76095**	RunNo: **98162**
Prep Date: **7/10/2023**	Analysis Date: **7/12/2023**	SeqNo: **3572067** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	87.4	70	130			
Toluene	0.87	0.050	1.000	0	87.2	70	130			
Ethylbenzene	0.88	0.050	1.000	0	87.7	70	130			
Xylenes, Total	2.7	0.10	3.000	0	89.2	70	130			
Surr: 4-Bromofluorobenzene	0.86		1.000		86.0	39.1	146			

Sample ID: **mb-76094**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **76094**	RunNo: **98162**
Prep Date: **7/10/2023**	Analysis Date: **7/12/2023**	SeqNo: **3572068** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.83		1.000		83.1	39.1	146			

Sample ID: **mb-76095**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **76095**	RunNo: **98162**
Prep Date: **7/10/2023**	Analysis Date: **7/12/2023**	SeqNo: **3572069** 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	0.82		1.000		82.3	39.1	146			

Sample ID: **LCS-76148**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **76148**	RunNo: **98173**
Prep Date: **7/12/2023**	Analysis Date: **7/13/2023**	SeqNo: **3572257** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.81		1.000		80.8	39.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307257**

17-Jul-23

Client: Harvest

Project: Decker Junction Comp

Sample ID: **mb-76148**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **76148**	RunNo: **98173**
Prep Date: **7/12/2023**	Analysis Date: **7/13/2023**	SeqNo: **3572258** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.82		1.000		81.7	39.1	146			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/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: 2307257 | RcptNo: 1

Received By: **Tracy Casarrubias** 7/8/2023 9:00:00 AM

Completed By: **Tracy Casarrubias** 7/8/2023 11:07:00 AM

Reviewed By: MD 7/10/23

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 ☐	# of preserved bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
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 ☐	Checked by: 7/10/23

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: Mailing address,phone number and Email/Fax are missing on COC- TMC 7/8/23 9.00

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.8	Good	Yes	Yogi		

Chain-of-Custody Record

Client: Harvest Midstream

Monica Smith msmith@harvestmidstream.com

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5-day

☑ Standard ☐ Rush

Project Name: Decker Junction Comp

Project #:

Project Manager:

Wes Weichert wweichert@ensolum.com

Brock Herb bherb@ensolum.com

Sampler:

On Ice: ☒ Yes ☐ No 4 09i

# of Coolers: 1

Cooler Temp(including CF): 4.8-0=4.8 (°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. 2307257	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)
7-7	11:25	soil	HA01@4'	4oz jar	cool	001	✓	✓					✓			
	11:45		HA01@7'			002										
	13:02		HA02@2'			003										
	13:15		HA02@4'			004										
	14:27		HA02A@1'			005										
	14:33		HA02A@3'			006										
	13:50		HA03@1'			007										
	13:57		HA03@3'			008										
	14:00		HA04@1'			009										
	14:07		HA04@3'			010										
	12:00		HA05@2'			011										
	12:15		HA05@5'			012										

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
7/7/23	1615				7/7/23	1615
7/7/23	1804			courier	7/8/23	9:00

Remarks: cc: zmyers@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 02, 2023

Monica Smith

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

RE: Decker Junction CS OrderNo.: 2307E49

Dear Monica Smith:

Hall Environmental Analysis Laboratory received 10 sample(s) on 7/29/2023 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 **2307E49**
Date Reported: **8/2/2023**

CLIENT: Harvest **Client Sample ID:** HA02@ 7'
Project: Decker Junction CS **Collection Date:** 7/28/2023 12:25:00 PM
Lab ID: 2307E49-001 **Matrix:** MEOH (SOIL) **Received Date:** 7/29/2023 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	260	60		mg/Kg	20	7/31/2023 7:59:03 PM	76575
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	9.8	9.7		mg/Kg	1	7/31/2023 12:09:49 PM	76556
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/31/2023 12:09:49 PM	76556
Surr: DNOP	138	69-147		%Rec	1	7/31/2023 12:09:49 PM	76556
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	7/31/2023 5:59:14 PM	GS98601
Surr: BFB	105	15-244		%Rec	1	7/31/2023 5:59:14 PM	GS98601
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.022		mg/Kg	1	7/31/2023 5:59:14 PM	BS98601
Toluene	ND	0.043		mg/Kg	1	7/31/2023 5:59:14 PM	BS98601
Ethylbenzene	ND	0.043		mg/Kg	1	7/31/2023 5:59:14 PM	BS98601
Xylenes, Total	ND	0.086		mg/Kg	1	7/31/2023 5:59:14 PM	BS98601
Surr: 4-Bromofluorobenzene	113	39.1-146		%Rec	1	7/31/2023 5:59:14 PM	BS98601

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307E49**
Date Reported: **8/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** HA02A@7'
Project: Decker Junction CS **Collection Date:** 7/28/2023 12:30:00 PM
Lab ID: 2307E49-003 **Matrix:** MEOH (SOIL) **Received Date:** 7/29/2023 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	350	59		mg/Kg	20	7/31/2023 8:11:28 PM	76575
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/31/2023 12:20:29 PM	76556
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/31/2023 12:20:29 PM	76556
Surr: DNOP	119	69-147		%Rec	1	7/31/2023 12:20:29 PM	76556
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	5.1		mg/Kg	1	7/31/2023 7:09:53 PM	GS98601
Surr: BFB	91.4	15-244		%Rec	1	7/31/2023 7:09:53 PM	GS98601
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.026		mg/Kg	1	7/31/2023 7:09:53 PM	BS98601
Toluene	ND	0.051		mg/Kg	1	7/31/2023 7:09:53 PM	BS98601
Ethylbenzene	ND	0.051		mg/Kg	1	7/31/2023 7:09:53 PM	BS98601
Xylenes, Total	ND	0.10		mg/Kg	1	7/31/2023 7:09:53 PM	BS98601
Surr: 4-Bromofluorobenzene	110	39.1-146		%Rec	1	7/31/2023 7:09:53 PM	BS98601

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307E49**
Date Reported: **8/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** HA03@7'
Project: Decker Junction CS **Collection Date:** 7/28/2023 12:55:00 PM
Lab ID: 2307E49-004 **Matrix:** MEOH (SOIL) **Received Date:** 7/29/2023 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	71	61		mg/Kg	20	7/31/2023 8:23:53 PM	76575
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/31/2023 12:31:09 PM	76556
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/31/2023 12:31:09 PM	76556
Surr: DNOP	111	69-147		%Rec	1	7/31/2023 12:31:09 PM	76556
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	7/31/2023 7:33:20 PM	GS98601
Surr: BFB	92.6	15-244		%Rec	1	7/31/2023 7:33:20 PM	GS98601
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.019		mg/Kg	1	7/31/2023 7:33:20 PM	BS98601
Toluene	0.053	0.038		mg/Kg	1	7/31/2023 7:33:20 PM	BS98601
Ethylbenzene	ND	0.038		mg/Kg	1	7/31/2023 7:33:20 PM	BS98601
Xylenes, Total	ND	0.077		mg/Kg	1	7/31/2023 7:33:20 PM	BS98601
Surr: 4-Bromofluorobenzene	110	39.1-146		%Rec	1	7/31/2023 7:33:20 PM	BS98601

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307E49**
Date Reported: **8/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** HA04@7'
Project: Decker Junction CS **Collection Date:** 7/28/2023 1:12:00 PM
Lab ID: 2307E49-005 **Matrix:** MEOH (SOIL) **Received Date:** 7/29/2023 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/31/2023 8:36:17 PM	76575
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/31/2023 12:41:49 PM	76556
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/31/2023 12:41:49 PM	76556
Surr: DNOP	109	69-147		%Rec	1	7/31/2023 12:41:49 PM	76556
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	5.2		mg/Kg	1	7/31/2023 7:56:48 PM	GS98601
Surr: BFB	89.4	15-244		%Rec	1	7/31/2023 7:56:48 PM	GS98601
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.026		mg/Kg	1	7/31/2023 7:56:48 PM	BS98601
Toluene	ND	0.052		mg/Kg	1	7/31/2023 7:56:48 PM	BS98601
Ethylbenzene	ND	0.052		mg/Kg	1	7/31/2023 7:56:48 PM	BS98601
Xylenes, Total	ND	0.10		mg/Kg	1	7/31/2023 7:56:48 PM	BS98601
Surr: 4-Bromofluorobenzene	108	39.1-146		%Rec	1	7/31/2023 7:56:48 PM	BS98601

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307E49**
Date Reported: **8/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** HA07@5'
Project: Decker Junction CS **Collection Date:** 7/28/2023 1:58:00 PM
Lab ID: 2307E49-006 **Matrix:** MEOH (SOIL) **Received Date:** 7/29/2023 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/31/2023 9:38:19 PM	76577
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	7/31/2023 12:52:29 PM	76556
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/31/2023 12:52:29 PM	76556
Surr: DNOP	116	69-147		%Rec	1	7/31/2023 12:52:29 PM	76556
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	78	5.0		mg/Kg	1	7/31/2023 8:20:13 PM	GS98601
Surr: BFB	319	15-244	S	%Rec	1	7/31/2023 8:20:13 PM	GS98601
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.025		mg/Kg	1	7/31/2023 8:20:13 PM	BS98601
Toluene	ND	0.050		mg/Kg	1	7/31/2023 8:20:13 PM	BS98601
Ethylbenzene	0.10	0.050		mg/Kg	1	7/31/2023 8:20:13 PM	BS98601
Xylenes, Total	0.49	0.10		mg/Kg	1	7/31/2023 8:20:13 PM	BS98601
Surr: 4-Bromofluorobenzene	128	39.1-146		%Rec	1	7/31/2023 8:20:13 PM	BS98601

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307E49**
Date Reported: **8/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** HA07@7'
Project: Decker Junction CS **Collection Date:** 7/28/2023 2:01:00 PM
Lab ID: 2307E49-007 **Matrix:** MEOH (SOIL) **Received Date:** 7/29/2023 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/31/2023 9:50:44 PM	76577
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/31/2023 1:03:11 PM	76556
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/31/2023 1:03:11 PM	76556
Surr: DNOP	123	69-147		%Rec	1	7/31/2023 1:03:11 PM	76556
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	7/31/2023 8:43:38 PM	GS98601
Surr: BFB	98.0	15-244		%Rec	1	7/31/2023 8:43:38 PM	GS98601
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.018		mg/Kg	1	7/31/2023 8:43:38 PM	BS98601
Toluene	ND	0.037		mg/Kg	1	7/31/2023 8:43:38 PM	BS98601
Ethylbenzene	ND	0.037		mg/Kg	1	7/31/2023 8:43:38 PM	BS98601
Xylenes, Total	ND	0.074		mg/Kg	1	7/31/2023 8:43:38 PM	BS98601
Surr: 4-Bromofluorobenzene	108	39.1-146		%Rec	1	7/31/2023 8:43:38 PM	BS98601

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307E49**
Date Reported: **8/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** HA08@1'
Project: Decker Junction CS **Collection Date:** 7/28/2023 2:10:00 PM
Lab ID: 2307E49-008 **Matrix:** MEOH (SOIL) **Received Date:** 7/29/2023 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/31/2023 10:03:08 PM	76577
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/31/2023 1:13:54 PM	76556
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/31/2023 1:13:54 PM	76556
Surr: DNOP	100	69-147		%Rec	1	7/31/2023 1:13:54 PM	76556
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	7/31/2023 9:07:02 PM	GS98601
Surr: BFB	90.7	15-244		%Rec	1	7/31/2023 9:07:02 PM	GS98601
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.022		mg/Kg	1	7/31/2023 9:07:02 PM	BS98601
Toluene	ND	0.043		mg/Kg	1	7/31/2023 9:07:02 PM	BS98601
Ethylbenzene	ND	0.043		mg/Kg	1	7/31/2023 9:07:02 PM	BS98601
Xylenes, Total	ND	0.087		mg/Kg	1	7/31/2023 9:07:02 PM	BS98601
Surr: 4-Bromofluorobenzene	108	39.1-146		%Rec	1	7/31/2023 9:07:02 PM	BS98601

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307E49**
Date Reported: **8/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** HA08@7'
Project: Decker Junction CS **Collection Date:** 7/28/2023 2:20:00 PM
Lab ID: 2307E49-009 **Matrix:** MEOH (SOIL) **Received Date:** 7/29/2023 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/31/2023 10:15:32 PM	76577
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	7/31/2023 1:24:37 PM	76556
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/31/2023 1:24:37 PM	76556
Surr: DNOP	122	69-147		%Rec	1	7/31/2023 1:24:37 PM	76556
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	3.7		mg/Kg	1	7/31/2023 9:30:27 PM	GS98601
Surr: BFB	90.7	15-244		%Rec	1	7/31/2023 9:30:27 PM	GS98601
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.018		mg/Kg	1	7/31/2023 9:30:27 PM	BS98601
Toluene	ND	0.037		mg/Kg	1	7/31/2023 9:30:27 PM	BS98601
Ethylbenzene	ND	0.037		mg/Kg	1	7/31/2023 9:30:27 PM	BS98601
Xylenes, Total	ND	0.073		mg/Kg	1	7/31/2023 9:30:27 PM	BS98601
Surr: 4-Bromofluorobenzene	110	39.1-146		%Rec	1	7/31/2023 9:30:27 PM	BS98601

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2307E49**
Date Reported: **8/2/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest **Client Sample ID:** HA06@1'
Project: Decker Junction CS **Collection Date:** 7/28/2023 12:40:00 PM
Lab ID: 2307E49-010 **Matrix:** MEOH (SOIL) **Received Date:** 7/29/2023 7:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	7/31/2023 10:27:57 PM	76577
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	7/31/2023 3:12:57 PM	76556
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/31/2023 3:12:57 PM	76556
Surr: DNOP	91.8	69-147		%Rec	1	7/31/2023 3:12:57 PM	76556
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**	
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	7/31/2023 9:53:50 PM	GS98601
Surr: BFB	90.5	15-244		%Rec	1	7/31/2023 9:53:50 PM	GS98601
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**	
Benzene	ND	0.020		mg/Kg	1	7/31/2023 9:53:50 PM	BS98601
Toluene	ND	0.041		mg/Kg	1	7/31/2023 9:53:50 PM	BS98601
Ethylbenzene	ND	0.041		mg/Kg	1	7/31/2023 9:53:50 PM	BS98601
Xylenes, Total	ND	0.082		mg/Kg	1	7/31/2023 9:53:50 PM	BS98601
Surr: 4-Bromofluorobenzene	110	39.1-146		%Rec	1	7/31/2023 9:53:50 PM	BS98601

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307E49**

02-Aug-23

Client: Harvest

Project: Decker Junction CS

Sample ID: **MB-76575**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **76575**	RunNo: **98638**
Prep Date: **7/31/2023**	Analysis Date: **7/31/2023**	SeqNo: **3592324** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-76575**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **76575**	RunNo: **98638**
Prep Date: **7/31/2023**	Analysis Date: **7/31/2023**	SeqNo: **3592325** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.2	90	110			

Sample ID: **MB-76577**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **76577**	RunNo: **98638**
Prep Date: **7/31/2023**	Analysis Date: **7/31/2023**	SeqNo: **3592326** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-76577**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **76577**	RunNo: **98638**
Prep Date: **7/31/2023**	Analysis Date: **7/31/2023**	SeqNo: **3592327** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.4	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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/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#: **2307E49**

02-Aug-23

Client: Harvest

Project: Decker Junction CS

Sample ID: **LCS-76556**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **76556**	RunNo: **98603**
Prep Date: **7/29/2023**	Analysis Date: **7/31/2023**	SeqNo: **3590881** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54	10	50.00	0	108	61.9	130			
Surr: DNOP	5.3		5.000		106	69	147			

Sample ID: **MB-76556**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **76556**	RunNo: **98603**
Prep Date: **7/29/2023**	Analysis Date: **7/31/2023**	SeqNo: **3590882** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		109	69	147			

Sample ID: **2307E49-010AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **HA06@1'**	Batch ID: **76556**	RunNo: **98603**
Prep Date: **7/29/2023**	Analysis Date: **7/31/2023**	SeqNo: **3591741** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.5	47.71	0	95.4	54.2	135			
Surr: DNOP	4.2		4.771		87.8	69	147			

Sample ID: **2307E49-010AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **HA06@1'**	Batch ID: **76556**	RunNo: **98603**
Prep Date: **7/29/2023**	Analysis Date: **7/31/2023**	SeqNo: **3591742** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.1	45.70	0	101	54.2	135	0.968	29.2	
Surr: DNOP	4.3		4.570		94.3	69	147	0	0	

Sample ID: **LCS-76550**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **76550**	RunNo: **98603**
Prep Date: **7/28/2023**	Analysis Date: **7/31/2023**	SeqNo: **3591743** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.7		5.000		94.4	69	147			

Sample ID: **MB-76550**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **76550**	RunNo: **98603**
Prep Date: **7/28/2023**	Analysis Date: **7/31/2023**	SeqNo: **3591744** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/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#: **2307E49**

02-Aug-23

Client: Harvest

Project: Decker Junction CS

Sample ID: **MB-76550**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **76550**	RunNo: **98603**
Prep Date: **7/28/2023**	Analysis Date: **7/31/2023**	SeqNo: **3591744** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.5		10.00		95.0	69	147			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2307E49**

02-Aug-23

Client: Harvest

Project: Decker Junction CS

Sample ID: **2.5ug gro lcs**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **GS98601**	RunNo: **98601**
Prep Date:	Analysis Date: **7/31/2023**	SeqNo: **3590782** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.2	70	130			
Surr: BFB	2000		1000		195	15	244			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **GS98601**	RunNo: **98601**
Prep Date:	Analysis Date: **7/31/2023**	SeqNo: **3590783** 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	900		1000		90.4	15	244			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/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#: **2307E49**

02-Aug-23

Client: Harvest

Project: Decker Junction CS

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **BS98601**	RunNo: **98601**
Prep Date:	Analysis Date: **7/31/2023**	SeqNo: **3590788** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	110	70	130			
Toluene	1.1	0.050	1.000	0	111	70	130			
Ethylbenzene	1.1	0.050	1.000	0	110	70	130			
Xylenes, Total	3.3	0.10	3.000	0	111	70	130			
Surr: 4-Bromofluorobenzene	1.1		1.000		109	39.1	146			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **BS98601**	RunNo: **98601**
Prep Date:	Analysis Date: **7/31/2023**	SeqNo: **3590790** 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		109	39.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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: 2307E49 | RcptNo: 1

Received By: Juan Rojas 7/29/2023 7:05:00 AM

Completed By: Tracy Casarrubias 7/29/2023 8:43:24 AM

Reviewed By: JR 7/29/23

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 ☐	# of preserved bottles checked for pH: (≤2 or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	Adjusted?
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 ☐	Checked by: TMC 7/29/23

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: Mailing address and phone number are missing on COC - tMC 7/29/23

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8	Good	Yes	Morty		

Chain-of-Custody Record

Client: Harvest Midstream, LLC

Att: Monica Smith

Mailing Address:

Phone #:

email or Fax#: msmith@harvestmidstream.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: Next Day

☐ Standard ☒ Rush (8/1/23)

Project Name: Decker Junction CS

Project #:

Project Manager: Brodee Herb

bherb@ensolum.com

Sampler: Reece Hanson / Eric Carroll

On Ice: ☒ Yes ☐ No

# of Coolers: 1 Wet ty

Cooler Temp (including CF): 1.9-0.1=1.8 (°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. 2307E49	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)
7/28/23	1225	Soil	HA02@7'	1, 4oz	Cool	001	X	X					X			
	1228		HA02@10'			002										
	1230		HA02A@7'			003										
	1255		HA03@7'			004										
	1312		HA04@7'			005										
	1358		HA07@5'			006										
	1401		HA07@7'			007										
	1410		HA08@1'			008										
↓	1420	↓	HA08@7'	↓	↓	009	↓	↓					↓			
7/28/23	1240	Soil	HA06@1'	(1) 4oz	Cool	010	X	X					@			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
7/28/23	1514				7/28/23	1514
7/28/23	1807			Courier	7/29/23	7:05

Remarks: Seal Intact 7/29/23 Hold HA02@10'

cc: rhanson@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.

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 262005

CONDITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 262005
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Did not meet 19.15.29.12D (1a) NMAC. Forbearance granted on 09/28/2023. Deferral has met approval.	9/28/2023