Received by OCD: 3/26/2021 12:18:54 PM

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 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	NRM2027337168
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

			OGRID 3	OGRID 373888			
Contact Name Kijun Hong			Contact Telephone 505-632-4475				
Contact email khong@harvestmidstream.com			Incident # (assigned by OCD) NRM2027337168				
Contact mailing address	1755 Arroyo Dr.	, Bloomfield, NN	M 87413	3			
		Location	of Re	elease So	ource		
Latitude 36.60968			Ι	Longitude	-107.83648		
Samuel Sa		(NAD 83 in dec	cimal degr	rees to 5 decim	nal places)		
Site Name Hanks 2 Pip	eline			Site Type	Natural Gas Pi	peline	
Date Release Discovered	8/13/20			API# (if app	licable)		
Unit Letter Section	Township	Danga	1	Coun	tri]	
A STATE OF THE STA	27N	Range			ty		
D 6	2711	9W	Sai	n Juan			
Surface Owner: State	X Federal Tr	ibal Private (A	Name: _				
		Nature and	l Volu	ıme of F	Release		
Materia	ıl(s) Released (Select al	l that apply and attach	calculatio	ons or specific	justification for the	volumes provided below)	
Crude Oil	Volume Release			•	Volume Reco		
Produced Water Volume Released (bbls)				Volume Recovered (bbls)			
Is the concentration of total dissolved soli			ds (TDS) Yes No				
in the produced water >10,000 mg/l?		5/1?	X 1 - D - 1(111)				
▼ Condensate Volume Released (bbls)<1			Volume Recovered (bbls) <1				
X Natural Gas Volume Released (Mcf) 1				Volume Reco	vered (Mcf)		
Other (describe) Volume/Weight Released (provide units)		e units)		Volume/Weig	ht Recovered (provide units)		
Cause of Release							

Natural gas 2"-pipeline leak discovered during a proactive leak survey. A leak occurred on the well tie line for the Hargrave 1. Final investigation determined the pipe failure was caused by external corrosion and it has been repaired. Released to Imaging: 11/2/2022 9:22:16 AM

Incident ID	NRM2027337168	
District RP		
Facility ID		
Application ID		

Released to Imaging: 11/2/2022 9:22:16 AM

Was this a major release as defined by 19.15.29.7(A) NMAC? X Yes No	If YES, for what reason(s) does the responsible party consider 19.15.29.7(A)(2b): may with reasonable probability reach a watercourse Site is within an unnamed wash that is a tributary to Arr	
If YES, was immediate n No immediate notice	notice given to the OCD? By whom? To whom? When and by	what means (phone, email, etc)?
	Initial Response	
The responsible	e party must undertake the following actions immediately unless they could creat	e a safety hazard that would result in injury
	lease has been stopped. as been secured to protect human health and the environment. have been contained via the use of berms or dikes, absorbent paderecoverable materials have been removed and managed appropri	
	ed above have <u>not</u> been undertaken, explain why:	
has begun, please attach	MAC the responsible party may commence remediation immedia a narrative of actions to date. If remedial efforts have been su ent area (see 19.15.29.11(A)(5)(a) NMAC), please attach all info	ccessfully completed or if the release occurred
regulations all operators are public health or the environr failed to adequately investig	ormation given above is true and complete to the best of my knowledge required to report and/or file certain release notifications and perform ment. The acceptance of a C-141 report by the OCD does not relieve the gate and remediate contamination that pose a threat to groundwater, surply a C-141 report does not relieve the operator of responsibility for com	corrective actions for releases which may endanger ne operator of liability should their operations have face water, human health or the environment. In
Printed Name: Kijun Ho	ong Title: Environm	nental Specialist
Signature:	Date: 3/25/	<u>20</u> 21
email: khong@harvest	tmidstream.com Telephone: _505-	632-4475
OCD Only		
Received by:	Date:	

Incident ID	NRM2027337168	
District RP		
Facility ID		
Application ID		

Released to Imaging: 11/2/2022 9:22:16 AM

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_<50 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	X 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 X 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?	X 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.
- X Field data
- X Data table of soil contaminant concentration data
- Depth to water determination
- X Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- X Photographs including date and GIS information
- X Topographic/Aerial maps
- X 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.

Incident ID	NRM2027337168
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: Kijun Hong

Title: Environmental Specialist

Printed Name: Kijun Hong Signature:	Title: Environmental Specialist Date: 3/25/2021
email: khong@harvestmidstream.com	Telephone: _505-632-4475
OCD Only	
Received by:	Date:

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

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

must be notified 2 days prior to liner inspection)

Incident ID	NRM2027337168
District RP	
Facility ID	
Application ID	

Released to Imaging: 11/2/2022 9:22:16 AM

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.

Note: appropriate OCD District office

X Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
▼ Description of remediation activities
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 mould their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, tuman 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 estore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in eccordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.
rinted Name: Kijun Hong Title: Environmental Specialist Date: 3/25/2021 Telephone: 505-632-4475
OCD Only
eceived by: Date:
losure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and emediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible arty of compliance with any other federal, state, or local laws and/or regulations.
losure Approved by:
losure Approved by: Nelson Velez Date: 11/02/2022 Title: Environmental Specialist - Adv



March 26, 2021

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

Email: Cory.Smith@state.nm.us

RE: CLOSURE REPORT (REVISED)
Hanks 2 Pipeline Release
NMOCD Incident No. NRM2027337168
NW¼ NW¼, Section 6, T27N, R9W
San Juan County, New Mexico

Dear Mr. Smith:

Harvest Midstream Company (Harvest) completed an excavation clearance of a release at the Hanks 2 Pipeline location in October 2020. The release consisted of approximately 1 mcf of natural gas and less than one barrel (bbl) of condensate and was discovered on August 13, 2020. It is classified as a major release because it occurred at a pipeline crossing of an unnamed dry tributary arroyo of Armenta Wash. Harvest collected soil samples to confirm all impacted soils were removed. The excavation was then backfilled with clean soil, and all excavated soil was disposed of at an appropriate facility.

TIMELINE:

- August 13, 2020: release discovered.
- September 25, 2020: Harvest notified NMOCD that it intended to conduct field sampling at Hanks 2 on September 28, 2020. NMOCD informed Harvest that they were unaware of a release at Hanks 2.
- September 28, 2020: C-141 Release Notification submitted. NMOCD rejected the C-141 because it was missing the first page.
- September 29, 2020: Harvest resubmitted the C-141 Release Notification with corrections.
- September 29, 2020: Harvest notified NMOCD of confirmation sampling on October 1, 2020.
- October 1, 2020: Harvest performed excavation and confirmation soil sampling.
- October 2, 2020: Harvest provided NMOCD with preliminary analytical results showing exceedances in the bottom soil

624 E Comanche St. Farmington, NM 87401 505-564-2281 animasenvironmental.com sample and requested permission to excavate further and re-sample on October 5, 2020.

- October 2, 2020: NMOCD notified Harvest that the re-submitted C-141 Release Notification did not identify the volume of the release.
- October 5, 2020: Harvest performed further excavation and confirmation soil resampling.
- October 7, 2020: Harvest received analytical results from October 5 sampling events showing soils below standards.
- October 15, 2020: C-141 Site Assessment Characterization and C-141 Closure submitted.
- January 19, 2021: C-141 Release Notification re-submitted January 19, 2021 (release volume added).
- February 23, 2021: C-141 rejected by NMOCD.

1.0 Site Information

1.1 Location

Site Name - Hanks 2 Pipeline

Legal Description – NW¼ NW¼, Section 6, T27N, R9W, San Juan County, New Mexico Release Latitude/Longitude – N36.60968, W107.83648

Land Jurisdiction – Bureau of Land Management

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Location Map

1.2 Release Information

On August 13, 2020, a third-party line leak survey discovered a line leak on the Hanks 2 pipeline at the well tie line for the Hargrave 1. Personnel blew down the pipeline and isolated the leak, which was caused by external corrosion. The site was excavated, and the pipe was replaced. The initial release was of approximately 1 Mcf of natural gas and less than one bbl of barrel condensate. Due to the proximity to a watercourse, the release was classified as "major".

2.0 Site Ranking

In accordance with NMAC 19.15.29.12 Table I (August 2018), release closure criteria are based on the minimum depth to groundwater within the horizontal extent of the release area:

- **Depth to Groundwater:** Cathodic reports could not be located for oil and gas wells within one-half mile. Depth to water records could not located for any wells within one-half mile. However, the site is within a wash that is a tributary of Armenta Canyon wash. Depth to groundwater is less than 50 ft bgs.
- Sensitive Receptor Determination: The release site is located within a small wash that is a tributary of Armenta Canyon wash. It is designated as a wetland by the National Wetlands Inventory.

NMOCD Action levels are:

- 10 mg/kg benzene and 50 mg/kg total benzene, toluene, ethylbenzene, and xylene (BTEX);
- 100 mg/kg total petroleum hydrocarbons (TPH) as gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO);
- 600 mg/kg chloride.

3.0 Confirmation Soil Sampling

Notification of soil confirmation sampling was initially made to NMOCD on September 25, 2020, and subsequent notification of a change of sampling date was made on September 29, 2020. Project notifications are attached. Soil confirmation samples were collected by Harvest on October 1, 2020, including collection of six confirmation soil samples from the walls and base of the repair trench. A final composite sample was collected by Harvest on October 5, 2020, after additional soils were removed from the excavation base. The final excavation measured approximately 45 ft by 30 ft by 14 ft deep and included 400 cubic yards of overburden and contaminated soil. Harvest collected six 5-point composite samples including one from each side wall and two from the base.

Sample locations and final excavation extents are presented on Figure 3, and excavation progress is documented in the photograph log. 400 cubic yards of soil were disposed of at Envirotech Remediation Facility (Permit No. NM-01-0011) in Hilltop, New Mexico.

3.1 Field Data

On October 1, 2020, excavation composite benzene and volatile organic compound (VOC) readings were recorded at 80 ppm and 1107 ppm, respectively. Clearance of soil samples was achieved through laboratory analysis. Field notes from the October 1 and 5, 2020 field sampling and excavation are attached.

Hanks 2 Pipeline Excavation Clearance Report - REVISED

March 26, 2021

Page 4 of 6

3.2 Laboratory Analyses

The samples collected for laboratory analysis were placed into new, clean, laboratory-supplied containers, which were then labeled, placed on ice, and logged onto sample chain of custody records. The samples were maintained on ice until delivery to the analytical laboratory, Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico. All samples were laboratory analyzed for:

- BTEX per U.S. Environmental Protection Agency (USEPA) Method 8021B;
- TPH as GRO, DRO, MRO per USEPA Method 8015M/D; and
- Chlorides per USEPA Method 300.0.

3.3 Laboratory Analytical Results

All laboratory analytical results indicated benzene, total BTEX, and chlorides in all samples were below applicable action levels. In contrast, TPH (as GRO, DRO, and MRO) results exceeded the action level of 100 mg/kg in one sample, Hanks 2 North Bottom, with 213 mg/kg. Additional soils were removed from the base of the excavation, and a subsequent sample at that location reported 20 mg/kg TPH. The laboratory analytical reports are attached.

4.0 Conclusions

Harvest completed an excavation clearance of petroleum hydrocarbon impacted soils at the Hanks 2 Pipeline in October 2020 resulting from a release reported on August 13, 2020. Laboratory analytical results reported final benzene, total BTEX, TPH (as GRO/DRO/MRO), and chloride concentrations as *below* applicable NMOCD action levels. No further action is recommended at this time.

If you have any questions about this report or site conditions, please do not hesitate to contact Elizabeth McNally at (505) 564-2281.

Sincerely,

David J. Reese

Environmental Scientist

David & Reue

Elizabeth McNally, P.E.

Principal

Attachments:

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Location Map

light mendly

Figure 3. Excavation Area and Soil Sample Locations

Photograph Log

Excavation Log with Field Notes (October 1 and 5, 2020)

Hall Analytical Reports 2010109 and 2010212

NMOCD Site Assessment/Characterization Ranking

Sampling Notification—September 29, 2020

Cc:

Kijun Hong

Harvest Midstream Company

1755 Arroyo Dr.

Bloomfield, New Mexico 87413

Email: khong@harvestmidstream.com

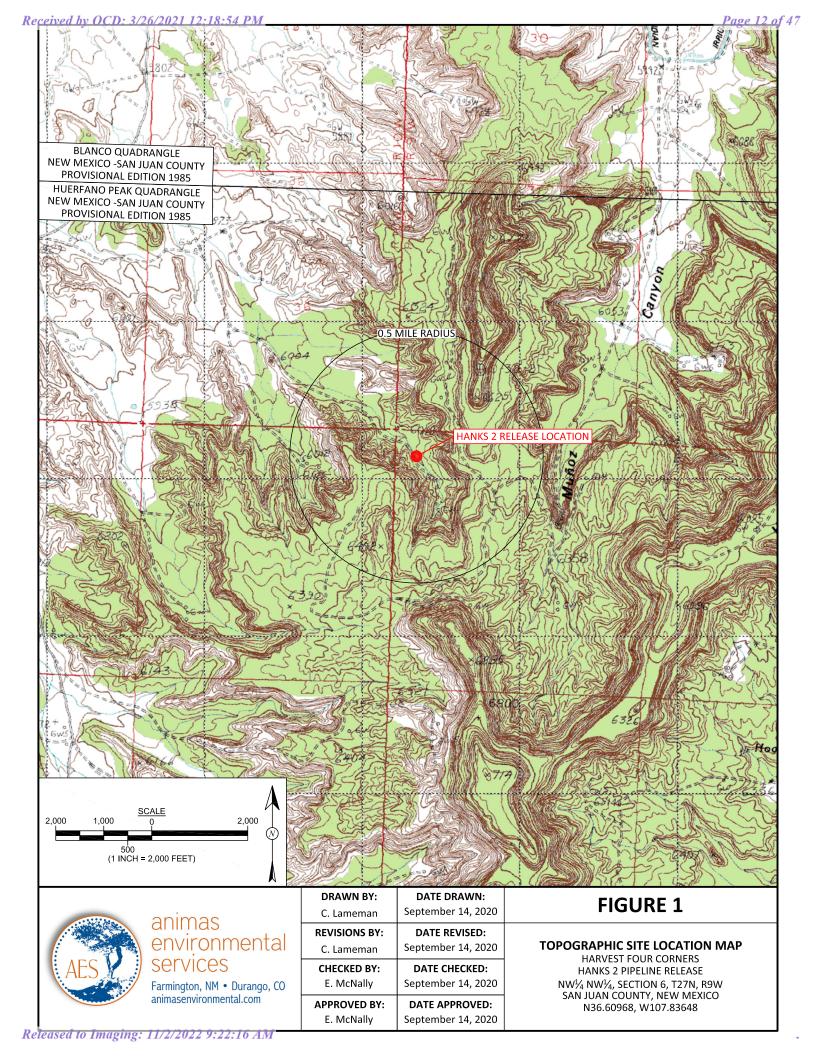
Hanks 2 Pipeline Excavation Clearance Report - REVISED

March 26, 2021

Page 6 of 6

Tamara Faust and Sherrie Landon
Bureau of Land Management
Farmington Field Office
6251 College Blvd., Suite A
Farmington, New Mexico 87402
Email: tfaust@blm.gov and slandon@blm.gov

https://animasenvironmental.sharepoint.com/sites/HarvestMidstream/Shared Documents/Hanks 2 C-141/Reports/Hanks 2 Pipeline Exc Clearance Report 031221.docx





DRAWN BY:	DATE DRAWN:
C. Lameman	September 14, 2020
REVISIONS BY:	DATE REVISED:
C. Lameman	September 14, 2020
CHECKED BY:	DATE CHECKED:
E. McNally	September 14, 2020
E. McNally APPROVED BY:	September 14, 2020 DATE APPROVED:

AERIAL SITE MAP HARVEST FOUR CORNERS HANKS 2 PIPELINE RELEASE

HANKS 2 PIPELINE RELEASE

NW¼ NW¼, SECTION 6, T27N, R9W

SAN JUAN COUNTY, NEW MEXICO

N36.60968, W107.83648

LEGEND

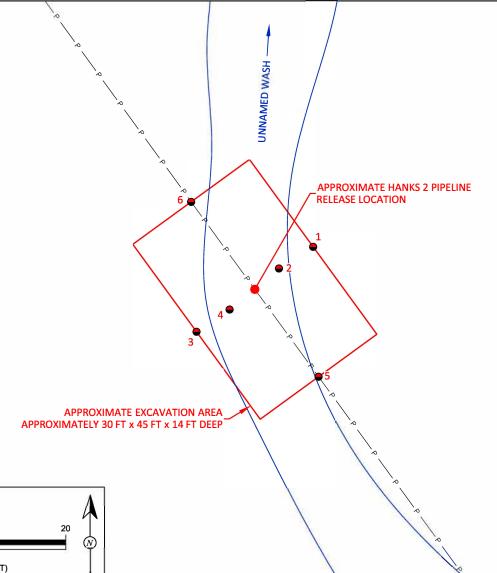
SAMPLE LOCATIONS

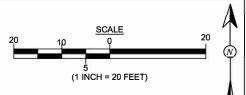
— APPROXIMATE BURIED PIPELINE

Laboratory Analytical Results									
Number	Lab Sample ID	Date	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH- GRO (mg/kg)	TPH- DRO (mg/kg)	TPH- MRO (mg/kg)	Chlorides (mg/kg)	
NMOCD ACTION LEVE		TION LEVEL	10	50		100	21	600	
1	Hanks 2 North Wall	10/1/20	<0.021	<0.190	<4.2	<9.9	<49	<60	
2	Hanks #2 North Bottom #2	10/5/20	<0.089	<0.809	<18	20	<49	<60	
3	Hanks 2 South Wall	10/1/20	<0.098	<0.888	<20	<9.3	<47	<60	
4	Hanks 2 South Bottom	10/1/20	<0.021	<0.185	<4.1	<9.6	<48	<60	
5	Hanks 2 East Wall	10/1/20	<0.018	<0.161	<3.6	<9.5	<48	<60	
6	Hanks 2 West Wall	10/1/20	<0.020	<0.180	<4.0	<8.6	<43	<60	

ALL SAMPLES WERE ANALYZED PER USEPA METHOD 8260B, 8015D AND 300.0.

ALL SAMPLES WERE COLLECTED BY HARVEST MIDSTREAM.







	DRAWN BY:	DATE DRAWN:
	C. Lameman	October 13, 2020
	REVISIONS BY:	DATE REVISED:
	C. Lameman	March 17, 2021
526	CHECKED BY:	DATE CHECKED:
	D. Reese	March 17, 2021
	APPROVED BY:	DATE APPROVED:
	E. McNally	March 17, 2021

FIGURE 3 EXCAVATION AREA MAP AND SOIL SAMPLE LOCATIONS

HARVEST FOUR CORNERS
HANKS 2 PIPELINE RELEASE
NW¼ NW¼, SECTION 6, T27N, R9W
SAN JUAN COUNTY, NEW MEXICO
N36.60968, W107.83648

Hanks 2 NMOCD Incident No. NRM2027337168 Pipeline Release Excavation Clearance



Photo 1: Excavated pipeline, October 1, 2020.



Photo 2: Final excavation extents, October 5, 2020.

Hanks 2
NMOCD Incident No. NRM2027337168
Pipeline Release Excavation Clearance



Photo 3: Final excavation extents, October 5, 2020.



Photo 4: Backfilled excavation, October 7, 2020.

Received by OCD: 3/26/2021 12:18:54 PM Page 17 of 47 HANK 2 LINC LEAR RR5200813A SAMPLES 1-5 COMPOSETE DITCH DEPTH BNZ Voc 80,24 1106,92 #5 12 LAEK STIE #1 46'0" #3 #4 Released to Imaging: 11/2/2022 9:22:16 AM

HONK #2 Received by OCD: 3/26/2021 12:18:54 PM Page 18 of 47 10-1-20 Pipeline South Botton Hanks#2 PiPeline 141 Released to Imaging: 11/2/2022 9:22:16 AM N Boffor



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

October 06, 2020

Kijun Hong

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413 TEL: (505) 632-4475

FAX:

RE: Hanks #2 OrderNo.: 2010109

Dear Kijun Hong:

Hall Environmental Analysis Laboratory received 6 sample(s) on 10/2/2020 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

andy

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 10/6/2020

Hall Environmental Analysis Laboratory, Inc.

 CLIENT: Harvest
 Client Sample ID: Hanks 2 North Wall

 Project: Hanks #2
 Collection Date: 10/1/2020 12:40:00 PM

 Lab ID: 2010109-001
 Matrix: SOIL
 Received Date: 10/2/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	ND	60	mg/Kg	20	10/2/2020 11:32:13 AM	55613
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/2/2020 9:12:07 AM	55609
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/2/2020 9:12:07 AM	55609
Surr: DNOP	104	30.4-154	%Rec	1	10/2/2020 9:12:07 AM	55609
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	RAA
Gasoline Range Organics (GRO)	ND	4.2	mg/Kg	1	10/2/2020 10:44:38 AM	R72336
Surr: BFB	85.8	75.3-105	%Rec	1	10/2/2020 10:44:38 AM	R72336
EPA METHOD 8021B: VOLATILES					Analyst:	RAA
Benzene	ND	0.021	mg/Kg	1	10/2/2020 10:44:38 AM	BS72336
Toluene	ND	0.042	mg/Kg	1	10/2/2020 10:44:38 AM	BS72336
Ethylbenzene	ND	0.042	mg/Kg	1	10/2/2020 10:44:38 AM	BS72336
Xylenes, Total	ND	0.085	mg/Kg	1	10/2/2020 10:44:38 AM	BS72336
Surr: 4-Bromofluorobenzene	103	80-120	%Rec	1	10/2/2020 10:44:38 AM	BS7233€

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 range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 9

Date Reported: 10/6/2020

Hall Environmental Analysis Laboratory, Inc.

 CLIENT:
 Harvest
 Client Sample ID: Hanks 2 North Bottom

 Project:
 Hanks #2
 Collection Date: 10/1/2020 12:50:00 PM

 Lab ID:
 2010109-002
 Matrix: SOIL
 Received Date: 10/2/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	MRA
Chloride	ND	60		mg/Kg	20	10/2/2020 11:44:38 AM	55613
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	BRM
Diesel Range Organics (DRO)	72	10		mg/Kg	1	10/2/2020 9:35:56 AM	55609
Motor Oil Range Organics (MRO)	120	50		mg/Kg	1	10/2/2020 9:35:56 AM	55609
Surr: DNOP	111	30.4-154		%Rec	1	10/2/2020 9:35:56 AM	55609
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	21	18		mg/Kg	5	10/2/2020 11:07:59 AM	R72336
Surr: BFB	127	75.3-105	S	%Rec	5	10/2/2020 11:07:59 AM	R72336
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.091		mg/Kg	5	10/2/2020 11:07:59 AM	BS72336
Toluene	ND	0.18		mg/Kg	5	10/2/2020 11:07:59 AM	BS72336
Ethylbenzene	ND	0.18		mg/Kg	5	10/2/2020 11:07:59 AM	BS7233€
Xylenes, Total	ND	0.36		mg/Kg	5	10/2/2020 11:07:59 AM	BS72336
Surr: 4-Bromofluorobenzene	107	80-120		%Rec	5	10/2/2020 11:07:59 AM	BS72336

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 10/6/2020

Hall Environmental Analysis Laboratory, Inc.

 CLIENT:
 Harvest
 Client Sample ID: Hanks 2 South Wall

 Project:
 Hanks #2
 Collection Date: 10/1/2020 1:00:00 PM

 Lab ID:
 2010109-003
 Matrix: SOIL
 Received Date: 10/2/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	ND	60	mg/Kg	20	10/2/2020 11:57:03 AM	55613
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	10/2/2020 9:59:47 AM	55609
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/2/2020 9:59:47 AM	55609
Surr: DNOP	109	30.4-154	%Rec	1	10/2/2020 9:59:47 AM	55609
EPA METHOD 8015D: GASOLINE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	ND	20	mg/Kg	5	10/2/2020 11:31:20 AM	R72336
Surr: BFB	90.2	75.3-105	%Rec	5	10/2/2020 11:31:20 AM	R72336
EPA METHOD 8021B: VOLATILES					Analyst:	RAA
Benzene	ND	0.098	mg/Kg	5	10/2/2020 11:31:20 AM	BS72336
Toluene	ND	0.20	mg/Kg	5	10/2/2020 11:31:20 AM	BS72336
Ethylbenzene	ND	0.20	mg/Kg	5	10/2/2020 11:31:20 AM	BS72336
Xylenes, Total	ND	0.39	mg/Kg	5	10/2/2020 11:31:20 AM	BS72336
Surr: 4-Bromofluorobenzene	104	80-120	%Rec	5	10/2/2020 11:31:20 AM	BS7233€

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 range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 10/6/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: Hanks 2 South Bottom
Project: Hanks #2
Collection Date: 10/1/2020 1:10:00 PM
Lab ID: 2010109-004
Matrix: SOIL
Received Date: 10/2/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	ND	60	mg/Kg	20	10/2/2020 12:09:27 PM	55613
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/2/2020 9:07:05 AM	55609
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/2/2020 9:07:05 AM	55609
Surr: DNOP	94.6	30.4-154	%Rec	1	10/2/2020 9:07:05 AM	55609
EPA METHOD 8015D: GASOLINE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.1	mg/Kg	1	10/2/2020 11:54:43 AM	R72336
Surr: BFB	89.2	75.3-105	%Rec	1	10/2/2020 11:54:43 AM	R72336
EPA METHOD 8021B: VOLATILES					Analyst	RAA
Benzene	ND	0.021	mg/Kg	1	10/2/2020 11:54:43 AM	BS72336
Toluene	ND	0.041	mg/Kg	1	10/2/2020 11:54:43 AM	BS72336
Ethylbenzene	ND	0.041	mg/Kg	1	10/2/2020 11:54:43 AM	BS72336
Xylenes, Total	ND	0.082	mg/Kg	1	10/2/2020 11:54:43 AM	BS7233€
Surr: 4-Bromofluorobenzene	102	80-120	%Rec	1	10/2/2020 11:54:43 AM	BS7233€

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 10/6/2020

Hall Environmental Analysis Laboratory, Inc.

 CLIENT:
 Harvest
 Client Sample ID: Hanks 2 East Wall

 Project:
 Hanks #2
 Collection Date: 10/1/2020 1:20:00 AM

 Lab ID:
 2010109-005
 Matrix: SOIL
 Received Date: 10/2/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	ND	60	mg/Kg	20	10/2/2020 12:21:51 PM	55613
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	10/2/2020 9:30:28 AM	55609
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/2/2020 9:30:28 AM	55609
Surr: DNOP	95.0	30.4-154	%Rec	1	10/2/2020 9:30:28 AM	55609
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	RAA
Gasoline Range Organics (GRO)	ND	3.6	mg/Kg	1	10/2/2020 12:18:11 PM	R72336
Surr: BFB	85.3	75.3-105	%Rec	1	10/2/2020 12:18:11 PM	R72336
EPA METHOD 8021B: VOLATILES					Analyst:	RAA
Benzene	ND	0.018	mg/Kg	1	10/2/2020 12:18:11 PM	BS72336
Toluene	ND	0.036	mg/Kg	1	10/2/2020 12:18:11 PM	BS72336
Ethylbenzene	ND	0.036	mg/Kg	1	10/2/2020 12:18:11 PM	BS72336
Xylenes, Total	ND	0.071	mg/Kg	1	10/2/2020 12:18:11 PM	BS72336
Surr: 4-Bromofluorobenzene	103	80-120	%Rec	1	10/2/2020 12:18:11 PM	BS72336

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 range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 10/6/2020

Hall Environmental Analysis Laboratory, Inc.

 CLIENT: Harvest
 Client Sample ID: Hanks 2 West Wall

 Project: Hanks #2
 Collection Date: 10/1/2020 1:30:00 PM

 Lab ID: 2010109-006
 Matrix: SOIL
 Received Date: 10/2/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	ND	60	mg/Kg	20	10/2/2020 12:34:15 PM	55613
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	8.6	mg/Kg	1	10/2/2020 9:53:50 AM	55609
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	10/2/2020 9:53:50 AM	55609
Surr: DNOP	94.8	30.4-154	%Rec	1	10/2/2020 9:53:50 AM	55609
EPA METHOD 8015D: GASOLINE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.0	mg/Kg	1	10/2/2020 12:41:45 PM	R72336
Surr: BFB	87.4	75.3-105	%Rec	1	10/2/2020 12:41:45 PM	R72336
EPA METHOD 8021B: VOLATILES					Analyst:	RAA
Benzene	ND	0.020	mg/Kg	1	10/2/2020 12:41:45 PM	BS72336
Toluene	ND	0.040	mg/Kg	1	10/2/2020 12:41:45 PM	BS72336
Ethylbenzene	ND	0.040	mg/Kg	1	10/2/2020 12:41:45 PM	BS72336
Xylenes, Total	ND	0.080	mg/Kg	1	10/2/2020 12:41:45 PM	BS72336
Surr: 4-Bromofluorobenzene	107	80-120	%Rec	1	10/2/2020 12:41:45 PM	BS72336

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2010109**

06-Oct-20

Client: Harvest Project: Hanks #2

Sample ID: LCS-55609 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 55609 RunNo: 72343 Prep Date: 10/2/2020 Analysis Date: 10/2/2020 SeqNo: 2537274 Units: mq/Kq SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result PQL LowLimit Qual Diesel Range Organics (DRO) 42 10 50.00 Λ 84.4 70 130 Surr: DNOP 4.7 5.000 94.4 30.4 154

Sample ID: MB-55609 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 55609 RunNo: 72343 Prep Date: 10/2/2020 Analysis Date: 10/2/2020 SeqNo: 2537275 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 10.00 105 30.4 154 11

Sample ID: 2010109-001AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: Hanks 2 North Wall Batch ID: 55609 RunNo: 72343 Prep Date: 10/2/2020 Analysis Date: 10/2/2020 SeqNo: 2537575 Units: mg/Kg HighLimit Result PQL SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 35 8.5 42.44 0 15 82.8 184 Surr: DNOP 4.0 4.244 95.1 30.4 154

Sample ID: 2010109-001AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: Hanks 2 North Wall Batch ID: 55609 RunNo: 72343 Prep Date: 10/2/2020 Analysis Date: 10/2/2020 SeqNo: 2537576 Units: mg/Kg %RPD Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit **RPDLimit** Qual Analyte Diesel Range Organics (DRO) 43 9.5 47.62 0 90.8 15 184 20.7 23.9 Surr: DNOP 4.7 4.762 99.7 30.4 154 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 range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2010109**

06-Oct-20

Client: Harvest Project: Hanks #2

Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: R72336 RunNo: 72336

Prep Date: Analysis Date: 10/2/2020 SeqNo: 2537634 Units: mq/Kq

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual 25.00 Gasoline Range Organics (GRO) 23 5.0 Λ 92.4 72.5 106 Surr: BFB 1000 1000 100 75.3 105

Sample ID: mb SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: R72336 RunNo: 72336

Prep Date: Analysis Date: 10/2/2020 SeqNo: 2537641 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
 1000
 1000
 105
 75.3
 105

Sample ID: 2010109-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: Hanks 2 North Wall Batch ID: R72336 RunNo: 72336

Prep Date: Analysis Date: 10/2/2020 SeqNo: 2538215 Units: mg/Kg

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result PQL LowLimit Qual Gasoline Range Organics (GRO) 19 4.2 21.13 0 87.9 61.3 114 Surr: BFB 850 845.3 101 75.3 105

Sample ID: 2010109-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: Hanks 2 North Wall Batch ID: R72336 RunNo: 72336

Prep Date: Analysis Date: 10/2/2020 SeqNo: 2538216 Units: mg/Kg

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Result PQL LowLimit Qual Gasoline Range Organics (GRO) 18 4.2 21.13 87.0 61.3 1.10 114 20 Surr: BFB 860 845.3 102 75.3 105 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 range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2010109**

06-Oct-20

Client: Harvest
Project: Hanks #2

Sample ID: 100ng btex Ics SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: BS72336 RunNo: 72336 Prep Date: Analysis Date: 10/2/2020 SeqNo: 2537643 Units: mg/Kg PQL SPK Ref Val %REC %RPD **RPDLimit** Analyte Result SPK value LowLimit HighLimit Qual Benzene 0.93 0.025 1.000 0 93.3 80 120 Toluene 0.98 0.050 1.000 0 98.4 80 120 0.050 0 100 Ethylbenzene 1.0 1.000 80 120 Xylenes, Total 3.0 0.10 3.000 0 101 80 120 Surr: 4-Bromofluorobenzene 1.1 1.000 105 80 120

Sample ID: mb SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: BS72336 RunNo: 72336 Prep Date: Analysis Date: 10/2/2020 SeqNo: 2537650 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** LowLimit Qual 0.025 ND Benzene Toluene ND 0.050 0.050 ND Ethylbenzene ND Xylenes, Total 0.10 Surr: 4-Bromofluorobenzene 1.2 1.000 118 80 120

Sample ID: 2010109-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles Client ID: Hanks 2 North Botto Batch ID: BS72336 RunNo: 72336 Prep Date: Analysis Date: 10/2/2020 SeqNo: 2538242 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0.091 96.2 76.3 3.5 3.642 n 120 Benzene Toluene 3.7 0.18 3.642 102 78.5 120 0.04770 0.07501 103 78.1 Ethylbenzene 3.8 0.183.642 124 Xylenes, Total 12 0.36 10.92 0.2899 104 79.3 125 Surr: 4-Bromofluorobenzene 4.0 3.642 111 80 120

TestCode: EPA Method 8021B: Volatiles Sample ID: 2010109-002amsd SampType: MSD Client ID: Hanks 2 North Botto Batch ID: BS72336 RunNo: 72336 Prep Date: Analysis Date: 10/2/2020 SeqNo: 2538243 Units: mg/Kg SPK value SPK Ref Val %REC **RPDLimit** Analyte Result PQL LowLimit HighLimit %RPD Qual 3.5 0.091 3.642 0 96.9 76.3 120 0.704 20 Benzene Toluene 3.7 0.18 3.642 0.04770 101 78.5 120 0.546 20 Ethylbenzene 0.18 3.642 0.07501 103 78.1 124 0.171 20 3.8 Xylenes, Total 12 0.36 10.92 0.2899 104 79.3 125 0.0903 20 Surr: 4-Bromofluorobenzene 4.2 3.642 120 0 116 80 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 range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Harvest	Work Order Number	er: 2010109		RcptNo: 1	
Received By: Cheyenne Cason	10/2/2020 8:00:00 Al	М			
Completed By: Juan Rojas	10/2/2020 8:08:44 Al	М	Grandy		
Reviewed By:	10/2/00				
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	s?	Yes 🗸	No 🗌	NA 🗌	
Were all samples received at a temperature	re 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) proper	erly 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 brol	ken?	Yes	No 🗸	# of preserved	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗸	No 🗆	bottles checked for pH: (<2 or >12 unless	noted)
2. Are matrices correctly identified on Chain of	of Custody?	Yes 🗸	No 🗆	Adjusted?	
3. Is it clear what analyses were requested?		Yes 🗸	No 🗌	10	î î
4. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗸	No 🗆	Checked by: 10	17/7
Special Handling (if applicable)					
15. Was client notified of all discrepancies with	n this order?	Yes	No 🗌	NA 🗸	
Person Notified:	Date				
By Whom:	Via:	eMail P	hone Fax	In Person	
Regarding:					
Client Instructions:					
16. Additional remarks:					
17. <u>Cooler Information</u>					
Cooler No Temp °C Condition	Seal Intact Seal No	Seal Date	Signed By		
1 4.3 Good					

Released to Imaging: 11/2/2022 9:22:16 AM



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

October 07, 2020

Kijun Hong

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX

RE: Hanks 2 OrderNo.: 2010212

Dear Kijun Hong:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/6/2020 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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

CLIENT: Harvest

Analytical Report

Lab Order **2010212**Date Reported: **10/7/2020**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: Hanks #2 North Bottom #2

Project: Hanks 2 **Collection Date:** 10/5/2020 1:15:00 PM

Lab ID: 2010212-001 **Matrix:** MEOH (SOIL) **Received Date:** 10/6/2020 8:03:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	10/6/2020 11:25:41 AM	55664
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst	: BRM
Diesel Range Organics (DRO)	20	9.8	mg/Kg	1	10/6/2020 9:55:49 AM	55660
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/6/2020 9:55:49 AM	55660
Surr: DNOP	107	30.4-154	%Rec	1	10/6/2020 9:55:49 AM	55660
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	18	mg/Kg	5	10/6/2020 9:38:58 AM	G72412
Surr: BFB	88.0	75.3-105	%Rec	5	10/6/2020 9:38:58 AM	G72412
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.089	mg/Kg	5	10/6/2020 9:38:58 AM	B72412
Toluene	ND	0.18	mg/Kg	5	10/6/2020 9:38:58 AM	B72412
Ethylbenzene	ND	0.18	mg/Kg	5	10/6/2020 9:38:58 AM	B72412
Xylenes, Total	ND	0.36	mg/Kg	5	10/6/2020 9:38:58 AM	B72412
Surr: 4-Bromofluorobenzene	98.6	80-120	%Rec	5	10/6/2020 9:38:58 AM	B72412

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 range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2010212**

07-Oct-20

Client: Harvest Project: Hanks 2

Sample ID: MB-55664 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 55664 RunNo: 72421

Prep Date: 10/6/2020 Analysis Date: 10/6/2020 SeqNo: 2542585 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-55664 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 55664 RunNo: 72421

Prep Date: 10/6/2020 Analysis Date: 10/6/2020 SeqNo: 2542586 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 91.5 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 range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

4.5

WO#: **2010212**

07-Oct-20

Client: Harvest Project: Hanks 2

Sample ID: LCS-55660 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 55660 RunNo: 72414 Prep Date: 10/6/2020 Analysis Date: 10/6/2020 SeqNo: 2540357 Units: mq/Kq SPK value SPK Ref Val HighLimit %RPD **RPDLimit** Analyte Result PQL %REC LowLimit Qual Diesel Range Organics (DRO) 45 10 50.00 Λ 89.5 70 130 Surr: DNOP 4.8 5.000 95.5 30.4 154

Sample ID: MB-55660 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 55660 RunNo: 72414 Prep Date: Analysis Date: 10/6/2020 10/6/2020 SeqNo: 2540358 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 10.00 106 30.4 154 11

Sample ID: 2010212-001AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: Hanks #2 North Bott Batch ID: 55660 RunNo: 72414 Prep Date: 10/6/2020 Analysis Date: 10/6/2020 SeqNo: 2542369 Units: mg/Kg HighLimit Result PQL SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 54 45.54 20.31 74.0 15 184 Surr: DNOP 4.7 4.554 103 30.4 154

Sample ID: 2010212-001AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: Hanks #2 North Bott Batch ID: 55660 RunNo: 72414 Prep Date: 10/6/2020 Analysis Date: 10/6/2020 SeqNo: 2542370 Units: mg/Kg %RPD Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit **RPDLimit** Qual Analyte Diesel Range Organics (DRO) 53 8.7 43.63 20.31 74.3 15 184 2.45 23.9

4.363

Qualifiers:

Surr: DNOP

- 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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

103

30.4

154

0

0

- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2010212 07-Oct-20

WO#:

Client: Harvest
Project: Hanks 2

Surr: BFB

Sample ID: mb1 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: G72412 RunNo: 72412

Prep Date: Analysis Date: 10/6/2020 SeqNo: 2541949 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 800 1000 79.9 75.3 105

Sample ID: 2.5ug gro Icsb SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: G72412 RunNo: 72412

Prep Date: Analysis Date: 10/6/2020 SeqNo: 2541950 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 72.5 5.0 25.00 O 83.7 106

98.5

75.3

105

Sample ID: 2010212-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

1000

Client ID: Hanks #2 North Bott Batch ID: G72412 RunNo: 72412

990

Prep Date: Analysis Date: 10/6/2020 SeqNo: 2541951 Units: mg/Kg

SPK value SPK Ref Val HighLimit %RPD **RPDLimit** Analyte Result POI %REC LowLimit Qual Gasoline Range Organics (GRO) 75 18 89.10 0 84.7 61.3 114 Surr: BFB 3564 3500 96.8 75.3 105

Sample ID: 2010212-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: Hanks #2 North Bott Batch ID: G72412 RunNo: 72412

Prep Date: Analysis Date: 10/6/2020 SeqNo: 2541952 Units: mg/Kg

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result PQL LowLimit Qual Gasoline Range Organics (GRO) 77 18 89.10 86.5 61.3 2.10 114 20 Surr: BFB 3800 3564 107 75.3 105 0 0 S

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 4 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2010212

07-Oct-20

Client: Harvest **Project:** Hanks 2

Sample ID: mb1 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: **B72412** RunNo: 72412

Prep Date: Analysis Date: 10/6/2020 SeqNo: 2541955 Units: mg/Kg

PQL SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result HighLimit Qual Benzene ND 0.025

Toluene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0.10

Surr: 4-Bromofluorobenzene 0.99 1.000 99.3 80 120

Sample ID: 2010212-001AMS SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: Hanks #2 North Bott Batch ID: **B72412** RunNo: 72412

Dron Doto: Analysis Data: 40/6/2020 Seallo: 2541057 Unito: malle

Frep Date.	Allalysis L	Jaie. I	J/6/2020		eqino. Z	34193 <i>1</i>	Units. Ing/h	.g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	3.3	0.089	3.564	0	91.9	76.3	120				
Toluene	3.4	0.18	3.564	0	96.6	78.5	120				
Ethylbenzene	3.5	0.18	3.564	0	98.3	78.1	124				
Xylenes, Total	11	0.36	10.69	0.08482	97.5	79.3	125				
Surr: 4-Bromofluorobenzene	3.7		3.564		104	80	120				

Sample ID: 2010212-001AMSD SampType: MSD TestCode: EPA Method 8021B: Volatiles

Client ID: Hanks #2 North Bott Batch ID: B72412 RunNo: 72412

Prep Date:	Analysis [Analysis Date: 10/6/2020			SeqNo: 2541958			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	3.2	0.089	3.564	0	91.1	76.3	120	0.852	20		
Toluene	3.5	0.18	3.564	0	96.9	78.5	120	0.289	20		
Ethylbenzene	3.5	0.18	3.564	0	99.6	78.1	124	1.29	20		
Xylenes, Total	11	0.36	10.69	0.08482	99.2	79.3	125	1.75	20		
Surr: 4-Bromofluorobenzene	3.7		3 564		105	80	120	0	0		

Sample ID: 100ng btex Ics SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: **B72412** RunNo: 72412

CHOIR ID: 2000	Bato	Analysis Date: 10/6/2020			SeqNo: 2541959 Units:					
Prep Date:	Analysis [(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	1.000	0	83.5	80	120			
Toluene	0.88	0.050	1.000	0	88.4	80	120			
Ethylbenzene	0.89	0.050	1.000	0	88.7	80	120			
Xylenes, Total	2.6	0.10	3.000	0	88.1	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 5 of 5



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name:	Harvest		Work Order Number	201	0212			RcptNo:	1
Received By:	Cheyenne	Cason	10/6/2020 8:03:00 AM						
Completed By:	Isaiah Orti		10/6/2020 8:13:53 AM			-7	-0)_/	
Reviewed By:	D .	0000	10/0/2020 6.15.55 AIVI			_{est} eken,	-	7	
Neviewed by.	DAD	10/6/20							
Chain of Cus	tody								
1. Is Chain of C	ustody compl	ete?		Yes	✓	No		Not Present	
2. How was the	sample delive	ered?		Cou	<u>rier</u>				
Log In									
	npt made to c	ool the samples?		Yes	✓	No		NA 🗌	
W 200									
4. Were all samp	ples received	at a temperature of	of >0° C to 6.0°C	Yes	V	No		NA 🗌	
5. Sample(s) in	proper contai	ner(s)?		Yes	✓	No			
6 Sufficient sam	anle volume fo	or indicated test(s)	2	Yes	V	No	П		
		and ONG) properly		Yes	✓	No			
8. Was preserva				Yes		No	V	NA 🗌	
Q. Pagained at la	and 1 vial with	n headspace <1/4"	for AO VOA2	V		No		NA 🗸	
		rs received broker		Yes Yes			✓	INA 🖭	
10. Were any sar	ripie containe	is received broker	11	165		140		# of preserved bottles checked	
11. Does paperwo				Yes	V	No		for pH:	
(Note discrepa)	V		No		(<2 or Adjusted?	>12 unless noted)
12. Are matrices of the state o		tified on Chain of C	Sustady?	Yes Yes	V	No			
14. Were all holdi				Yes	✓	No		Checked by:	NC 10/62
(If no, notify c	ustomer for a	uthorization.)							
Special Handl	ling (if app	licable)							
15. Was client no	otified of all di	screpancies with th	his order?	Yes		No		NA 🗸	
Person	Notified:		Date:		and the first of t	NORTH AND DESCRIPTIONS	onessession of		
By Who	om:	A 10, 100 THE RESIDENCE OF THE PARTY OF THE	Via: [eM	lail [Phone [Fax	☐ In Person	
Regard									
	nstructions:								
16. Additional re	emarks:								
17. Cooler Infor	1	Condition Co	val Intact Soal No.	Soci F)ata	Cianad	Dv	1	
1	Temp °C 2.7	Condition Se Good Yes		Seal D	ale	Signed	БУ		

			stody Record	Turn-Around	Time:	Same Day							_			-	m, 11 m		· III II		1
Client: Harvest-midstream		☐ Standard	☑ Rush	10-6-20	_ '												NT				
			Project Name:				ANALYSIS LABORATORY www.hallenvironmental.com														
Mailing Address: 1755 ARROYO DR			HGNKS #2 Project #:				4901 Hawkins NE - Albuquerque, NM 87109														
			Nm 874/3	Project #:				Tel. 505-345-3975 Fax 505-345-4107													
			. 4472	1					31. 00			DESCRIPTION OF THE PERSON	American Street	NAME OF TAXABLE PARTY.	CARL STREET	ues	Contract of the last	,			
			harvest midsteen. con	Project Manager:				<u>Ş</u>	<u>ô</u>		q d			2 2 20 20 2				in the second			
QA/QC I		•					021	TPH (Gas only)	DRO / MRO)			(S	9	4,SC	PCB's						101
□ Stan	idard		☐ Level 4 (Full Validation)	KIJUN HONG			8) s ₂ .					SIMS)		Anions (F,CI,NO ₃ ,NO ₂ ,PO ₄ ,SO ₄)	2 PC						
Accredi		□ Otho		Sampler: Morgon Killion			TWB's (8021)	표		- -	-	8270		NO	808		1000				2
2		□ Otne	r	On Ice: Yes □ No Sample Temperature: 2.7±0=2.7			+	+	380	418	504	or 82	<u>s</u>	VO ₃ ,	es/		OA)	0			o
□ EDD	(Type)_			Sample Tem	berature. 6. 7	±0=4.1	-	TB!) Bi	hod	hod	310	/leta	,C,	ticid	OA)	V-in	- 01			() Se
Date	Time	Matrix	Sample Request ID	D. A. COLO	Preservative	HEAL No.	+	+	301	Met	(Method 504.1)	s (8310 or	181	s (F	Pes	3 ((Ser	hLorid			elddi
Date	1	Matrix		Type and #	Туре	2010212	BTEX + MTBE	BTEX + MTBE	TPH 8015B (GRO	TPH (Method 418.1)	EDB	PAH's	RCRA 8 Metals	nion	8081 Pesticides / 8082	8260B (VOA)	8270 (Semi-VOA)	5			Air Bubbles (Y or N)
0/5/20	1:15	(0)1	North Bottom#2	1-402	Cool	will con	- H	<u> </u>	7	-	Ш	<u> </u>	IY.	Α_	8	00		X		+	_ <
13/20	1-13	5011	NOTTH DOTTOM 2	1-702	1001		\ \ A	-	\wedge	-		+						\wedge	+	+	\dashv
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Date: 0/5/2 6	Time:	Relinquishe	Lilleon	Received by:	Wast	Date Time	a S	mark Lei	s: ()	nte	net	Cr	7	Ca	day	d	n	10/61	12		
Date:	Time:	Relinquishe	ed by:	Received by:		Date Time															95
Tspo	1813	(M	10th NACL	m	Cam	16/6/w 080:	3			va - 1			1		1						



NMOCD Site Assessment/Characterization, Remediation & Closure

Site Name: Hanks 2 Pipeline

API #: not applicable

Lat/Long:	N36.60968 W107.8	3648				
TRS:	NW/NW-6-27N-9W	l				
Land Jurisdiction:	•					
County:						
Determination made by:		M/Environmental S	rientist			
	9/14/2020	vi/ Environmental St	Cientist			
Date:	9/14/2020			j		
Wellhe	ad Protection Area	Assessment:				
Determine the horizontal distance from all known w	rater sources within 1	/2 mile of the release	including private and	d domestic		
water sources. Water sources are wells, springs or o		•				
those water sources used by less than five household	ds for domestic or sto	ock purposes. (NMAC	19.15.29.11A.3)			
Water Source Type (well/spring/stock pond)	ID (if available)	Latitude	Longitude	Distance		
none within 1/2 mile						
Distance to Nearest S	ignificant Waterco	urse (NMAC 19.15.2	29.11A.4)			
release location is within a wash tributary to Ar	rmenta Canyon Wa	sh, which flows to S	San Juan River			
		n (NMAC 19.15.29.1				
Cathodic Report/Site Specific Hydrogeology	none available					
Elevation Differential						
	no registered wells					
Cathodic Report Nearby Wells	none available for	nearby wells				
	ceptor Determinat					
*If a release occurs within the following areas, t	the RP must treat tl	ne release as if it occ	curred less than 50	Yes		
ft to Groundwater (NMAC 19.15.29.12C.4):				_		
<300' of any continuously flowing watercourse				<u> </u>		
<200' of any lakebed, sinkhole or playa lake (measured from the Ordinary High Water Mark)						
<300' of an occupied permanent residence, sch	•					
<500' of a spring or private/domestic water well used by <5 households for domestic or stock watering						
ourposes <1000' of any water well or spring						
within incorporated municipal boundaries or w	vithin a defined mu	nicipal fresh water	wall field			
<300' of a wetland	itiliii a deililed iild	ilicipai iresii water	well field			
within the area overlying a subsurface mine				✓		
within an unstable area						
within a 100-year floodplain				l H		
Explain any 'Yes' Marks:						
Release location is within a wash that is a tribut	tary of Armenta Ca	nyon Wash. Designo	ated as a wetland by	y Nat.		
Wetlands Inventory. Also, not shown as within a						
· ·						
Actual Depth to Groundwater is:	≤50 √	50-100	>100			
*Treat Depth to Groundwat						
	≤50	50-100	>100	1		
Release Action Levels are Benzene	10	10	10			
BTEX (mg/kg)	50	50	50			
8015 TPH (GRO/DRO) (mg/kg)	Not Applicable	1,000	1,000			
8015 TPH (GRO/DRO/MRO) (mg/kg)	100	2,500	2,500			
Chlorides (mg/kg)	600	10,000	20,000	1		

NMAC 19.15.29.12 Table I. Release Action Levels are determined by the depth below bottom of pit to groundwater.

Active & Inactive Points of Diversion

(with Ownership Information)

No PODs found

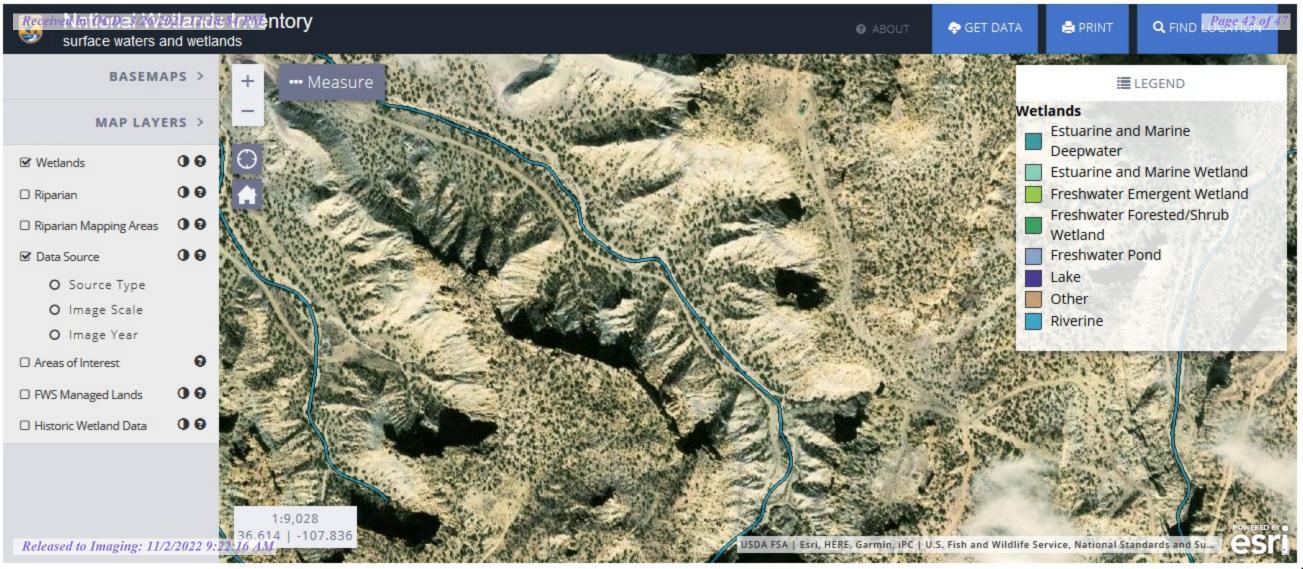
Easting (X):

UTMNAD83 Radius Search (in meters): 246307

Northing (Y): 4055322 Radius: 805

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.





Angela Ledgerwood

From: Karen Lupton <klupton@animasenvironmental.com>

Sent: Friday, September 25, 2020 10:34 AM **To:** Cory Smith (cory.smith@state.nm.us)

Cc: Kijun Hong

Subject: [EXTERNAL] Project Notification for Harvest Midstream Hanks 2

Hi Cory:

Harvest Midtstream will be pulling samples at the Hanks 2 site on Monday, September 28th at 9:00AM. Morgan Killion will be onsite to conducting the sampling.

Thank you!

Karen Lupton
Director of Operations
klupton@animasenvironmental.com
Animas Environmental Services, LLC
www.animasenvironmental.com
624 E Comanche, Farmington, NM 87401
P.O. Box 8, Farmington, NM 87499-0008
(Tel) 505.564.2281

From: <u>Karen Lupton</u>

To: Cory Smith (cory.smith@state.nm.us)

Cc: aadeloye@blm.gov; Kijun Hong; morgankillion@yahoo.com; Elizabeth McNally

 $\underline{(emcnally@animasenvironmental.com)}; \ \underline{David} \ Reese \ \underline{(dreese@animasenvironmental.com)}$

Subject: Sampling Notification for Harvest Midstream Hanks 2

Date: Tuesday, September 29, 2020 12:30:00 PM

Hello All:

This notification is for sampling at the Harvest Hanks 2 site. Sampling is scheduled for Thursday, October 1st at 12:30PM. Morgan Killion will be onsite to pull samples.

Animas Environmental Services apologizes for the oversight on the first notification and has taken measures to ensure that all appropriate parties are notified in a timely manner going forward.

Please do not hesitate to reach out with any questions or concerns.

Thank you,

Karen Lupton
Director of Operations
klupton@animasenvironmental.com
Animas Environmental Services, LLC
www.animasenvironmental.com
624 E Comanche, Farmington, NM 87499-0008
(Tel) 505.564.2281

Angela Ledgerwood

From: Kijun Hong <khong@harvestmidstream.com>

Sent: Tuesday, March 23, 2021 3:12 PM

To: Angela Ledgerwood

Subject: FW: [EXTERNAL] RE: Hanks 2 resample

From: Smith, Cory, EMNRD [mailto:Cory.Smith@state.nm.us]

Sent: Friday, October 2, 2020 6:16 PM

To: Kijun Hong; aadeloye@blm.gov; dmankiew@blm.gov; g1smith@blm.gov

Cc: Morgan Killion - Intermountain Construction (morgankillion@yahoo.com); Lloyd Bell; Joseph Pruitt; McNally,

Elizabeth; Powell, Brandon, EMNRD

Subject: [EXTERNAL] RE: Hanks 2 resample

Kijun,

OCD approves Harvest request for the short sampling notice with the condition that the surface owner is also ok with the sample notice.

In addition what time on Monday does Harvest propose to sample?

OCD approval does not relieve Harvest of any other requirements that maybe imposed by other regulatory agencies.

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

From: Kijun Hong < khong@harvestmidstream.com>

Sent: Friday, October 2, 2020 4:50 PM

To: Smith, Cory, EMNRD < Cory.Smith@state.nm.us >; aadeloye@blm.gov; dmankiew@blm.gov; g1smith@blm.gov

Cc: Morgan Killion - Intermountain Construction (morgankillion@yahoo.com) < morgankillion@yahoo.com >; Lloyd Bell

lbell@harvestmidstream.com >; Joseph Pruitt < ipruitt@harvestmidstream.com >; McNally, Elizabeth

inchemia vestimasticamicomi, Joseph France (pratice narvestimasticamicom), inchang, Enzabeth

<emcnally@animasenvironmental.com>

Subject: [EXT] Hanks 2 resample

Importance: High

Our preliminary results for the bottom sample (see attached) came back slightly exceeding closure limits.

We would like to dig further and sample again Monday afternoon with BLM and OCD approval. We would appreciate your response ASAP as crews are standing by. We apologies for the short notice.

If this is not acceptable, please let this serve as 48 hour notice for confirmation sampling Tuesday afternoon.

Thank You, Kijun



<u>Kijun Hong</u> | Harvest Midstream Company | Environmental Specialist | Four Corners Office: 505-632-4475 | Cell: 505-436-8457 | 1755 Arroyo Dr., Bloomfield, NM 87413

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While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

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

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 22147

CONDITIONS

Operator:	OGRID:					
Harvest Four Corners, LLC	373888					
1111 Travis Street	Action Number:					
Houston, TX 77002	22147					
	Action Type:					
	[C-141] Release Corrective Action (C-141)					

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	11/2/2022