te of New Mexico

Incident ID	nAPP2230526211
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must b	e included in the plan.
 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation poin ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29. ☑ Proposed schedule for remediation (note if remediation plan tin 	12(C)(4) NMAC
Troposed schedule for remediation (note it remediation plan till	lenne is more than 90 days OCD approvar is required)
D.C. al D. a. d. O. L. E. L. C.L. C.H. alia in its annual land	
<u>Deferral Requests Only</u> : Each of the following items must be con	ifirmea as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around p deconstruction.	roduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human healt	h, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: Amy Barnhill	Title: Lead Environmental Specialist - Water
Signature: Thile	Date: 03/6/2023
email: ABarnhill@chevron.com	Telephone: (432) 940-8524
OCD Only	
Received by: Robert Hamlet	Date:7/14/2023
Approved With Attached Conditions of	Approval Denied Deferral Approved
Signature: Robert Hamlet	Date: 7/14/2023

Mate of New Mexico

Incident ID	nAPP2230526211
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?	85(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 ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil			
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.

Received by OCD: 3/6/2023 11:33:28 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

P	ag	e	3	of	14	16
					-	

Incident ID	nAPP2230526211
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the Galled to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	ifications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name: Amy Barnhill	Title: Lead Environmental Specialist - Water
Signature: This	Date: 03/6/2023
email: ABarnhill@chevron.com	Telephone: (432) 940-8524
OCD Only	
Received by:	Date:

Page 4 of 146

Incident ID nAPP2230526211
District RP
Facility ID
Application ID

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	e included in the plan.
 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation point ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29. 	
Proposed schedule for remediation (note if remediation plan times)	
Deferral Requests Only: Each of the following items must be con	Gum ad as mout of any year ast fou defenued of you disting
Deterral requests Only: Each of the following tiems must be con	girmea as part of any request for aeferral of remeatation.
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: Amy Barnhill	Title: Lead Environmental Specialist - Water
Signature: Third Daile.	Date: 03/6/2023
email: ABarnhill@chevron.com	Telephone: (432) 940-8524
OCD O. I	
OCD Only	
Received by:	Date:
☐ Approved ☐ Approved with Attached Conditions of	Approval
Signature:	Date:



2904 W 2nd St. Roswell, NM 88201 voice: 575.624.2420 fax: 575.624.2421 www.atkinseng.com

February 13, 2023

#Hayhurst_env_22

Mark Andersen

Permian Asset HSEQ Manager TETRA Technologies Inc./Swiftwater Inc. 2401 N. CR 1287 Midland,TX 79701

Phone: 432.234.0179

SUBJECT: Amendment to Work Plan for the Hayhurst Pad 10 Release (nAPP2211730678), Eddy County, New Mexico

Dear Mr. Anderson,

On behalf of Atkins Engineering Associates INC. (AEA) has prepared this amendment to the NMOCD denied Site Assessment and Remediation Work plan submitted September 20th, 2022. To gain NMOCD work approval of remediation of the release of liquids related to oil and gas production activities at the Hayhurst Pad 10. The site is in Unit O, Section 26, Township 25S, Range 27E, Eddy County, New Mexico.

Table 1 summarizes release information and Site Criteria.

Table 1: Release Information and Closure Criteria				
Name	Hayhurst Pad 10 Company Chevron U.S.A., Inc		Chevron U.S.A., Inc	
API Number		Location	32.094581, -104.154458;	
Incident Number	n.	nAPP2211730678		
Estimated Date of Release	Date Reported to NMOCD A/12/22			
Landowner	State Reported To NMOCD District 1			
Source of Release	Tetra had a pressure spike during pump operations, and then discovered that a layflat head had separated, allowing a volume of produced water to spill until crews could shut down, clamp, and make repairs on the connection.			
Released Volume	566 bbls	Released Material	Produced Water	
Recovered Volume	0 bbls	Net Release	566 bbls	
NMOCD Closure Criteria	51-100 feet to groundwater			

Hayhurst Pad 10 February 13, 2023 Page 2 of 4

1.0 Background

Release delineation activities were conducted by Envirotech from September 20 through 22, 2022, which included utilizing hand tools to advance soil borings in proximity of the release path to determine the horizontal and vertical extents of the release. Concurrently, hydro excavators were on-site daylighting subsurface pipelines belonging to Chevron.

NMOCD rejected the previously submitted Site Assessment and Remediation Work plan (see Appendix E) on December 23, 2022.

Because the denial was based on the remedial method and not the Site assessment performed AEA decided to amend the previously submitted work plan.

2.0 Site Information and EM Survey

Electromagnetic surveying was used to accurately define the parameters or horizontal boundaries of the shallow soil investigation and determine the validity of the previous site assessment. A Geonics Ltd. EM-38 ground conductivity meter that has been factory calibrated was used on site to collect data.

Figure 1 attached is a product of the fixed-frequency EM method used to map variations in ground conductivity to identify anomalously conductive soils and infer changes in the soil characteristics and composition. This method used portable instrumentation consisting of a transmitter coil and a receiver coil. primary magnetic field from the transmitter coil induces subsurface eddy currents, which in turn generate a secondary magnetic field that is intercepted by the receiver coil. The ratio of the primary and secondary magnetic fields is related to ground conductivity represented as ECa in mS/m.

The conductivity values are not specific values from discrete depths; they are weighted averages of conductivity between the surface and the depth of exploration of the EM field and are termed "apparent conductivities". The apparent conductivity values obtained are in units of millisiemens per meter (mS/m). The apparent conductivity (ECa) of the soil has been related to the paste extract conductivity (ECe) by the relationship ECa=5ECa (McNeill, 1986a). Table 2 (from McNeill, 1986a) illustrates this general relationship. Measurements are expressed in millisiemens/meter (mS/m).

Table 1: ECe to ECa Conversion

Soil Conductivity vs Salinity (from McNeill, 1986a)					
Salinity (NRCS)	ECe (mS/cm) (Lab)	ECa (mS/m) (EM-38)	Figure Color		
NRCS Soil Background (site)	0-2	0-40	White to green		
Slight	0-4	40-80	Yellow		
Moderate	4-8	80-100	red		
High	8-12	160-240	Purple		

Hayhurst Pad 10 February 13, 2023 Page 3 of 4

The table above shows the general correlation between laboratory soil saturated paste ECe and the apparent conductivity ECa measured by an EM unit. The Electromagnetic surveying confirmed the previously submitted release area and samples.

3.0 Proposed Remediation

Comparing the delineation performed by Envirotech with the horizontal extent provided by the EM Survey conducted by AEA. AEA proposes an excavation of caliche and native soil to remediate the impacted soils. Most of the excavation will be less than two (2) feet except for sample areas TH-13 and TH-18.

Figure 1 shows the extent of the proposed excavation and existing sample locations. All laboratory results are summarized in Envirotec Table 1. Laboratory reports are included in Appendix .

Figure 2 shows the large amount of intersecting underground and above ground utilities. AEA will facilitate a project 811 an will work directly with the area utility owners to remove as much contaminate mass as safety will allow.

All contaminated soil from the location will be hauled to a NMOCD approved facility (waste manifest will be available upon request).

4.0 Variance and Limitations

Atkins Engineering Associates INC. (AEA) request a sample variance request from 19.15.29.12.D.1.c. The post data collection activities outlined in EPA's Guidance for Data Quality Assessment (EPA, 2000) via (VSP) show that closure sample collection at the five hundred (500) to eight hundred (800) square foot interval will still achieve the same 98% confidence interval as the standard two hundred square foot sampling plan. For these reasons AEA requests a closure sample interval of 500-800 square feet.

The scope of our services included: assessment sampling; verifying release stabilization; regulatory liaison; remediation; and preparing this scope of work. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact Austin Weyant at 575-626-3993

Submitted by:

Atkins Engineering Associates INC

Austin Weyant Geoscientist

ATTACHMENTS:

Hayhurst Pad 10 February 13, 2023 Page 4 of 4

Figures:

Figure 1: Vicinity and Well Head Protection Map

Figure 2: Surface Water Radius Map

Figure 3: Site ECa and proposed sample locations

Tables:

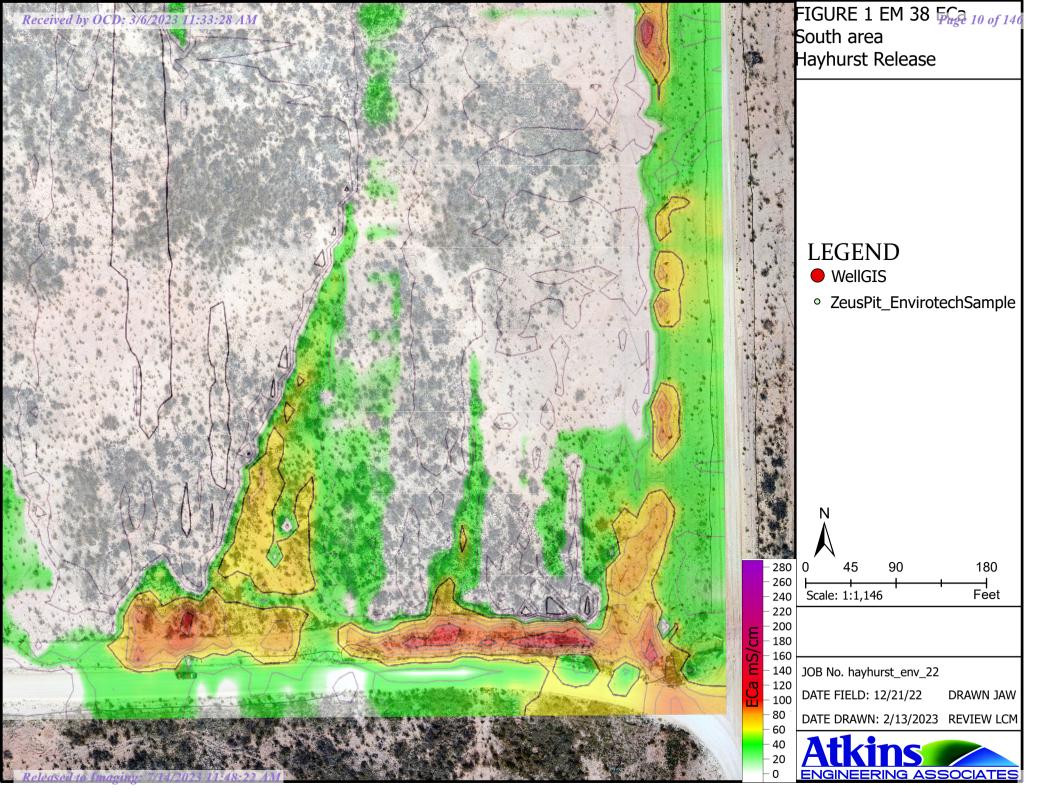
Table 2: NMOCD Closure Criteria Justification

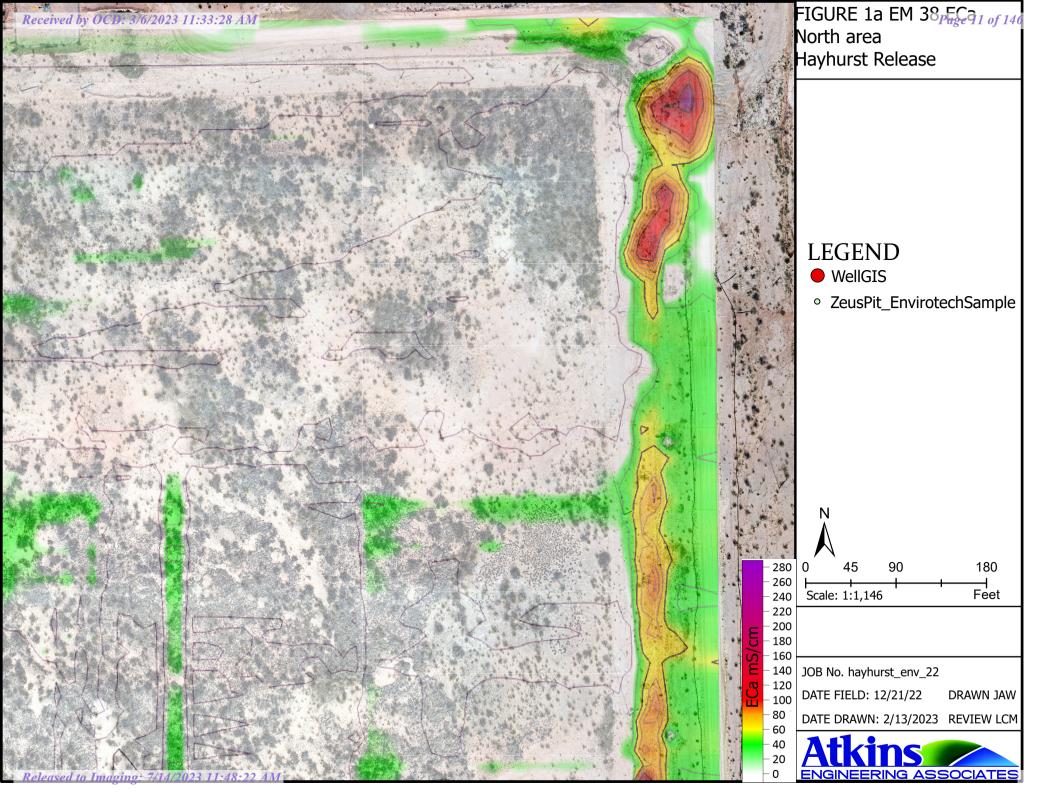
Appendices:

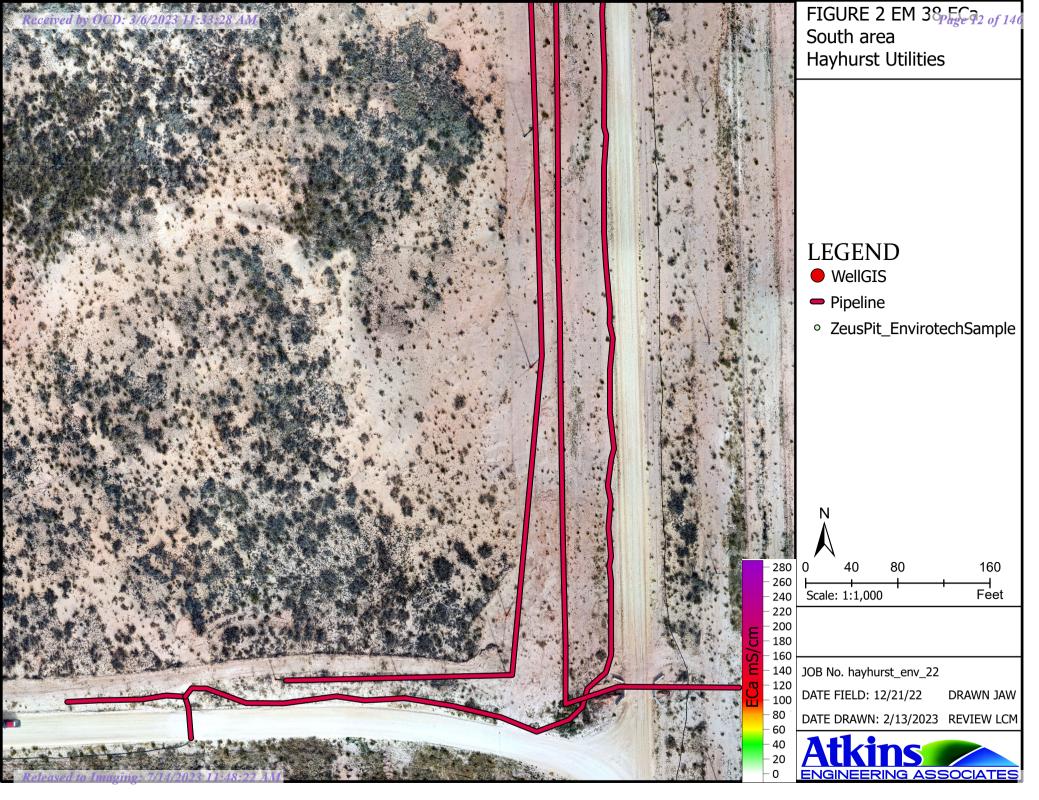
Appendix A: Form C141

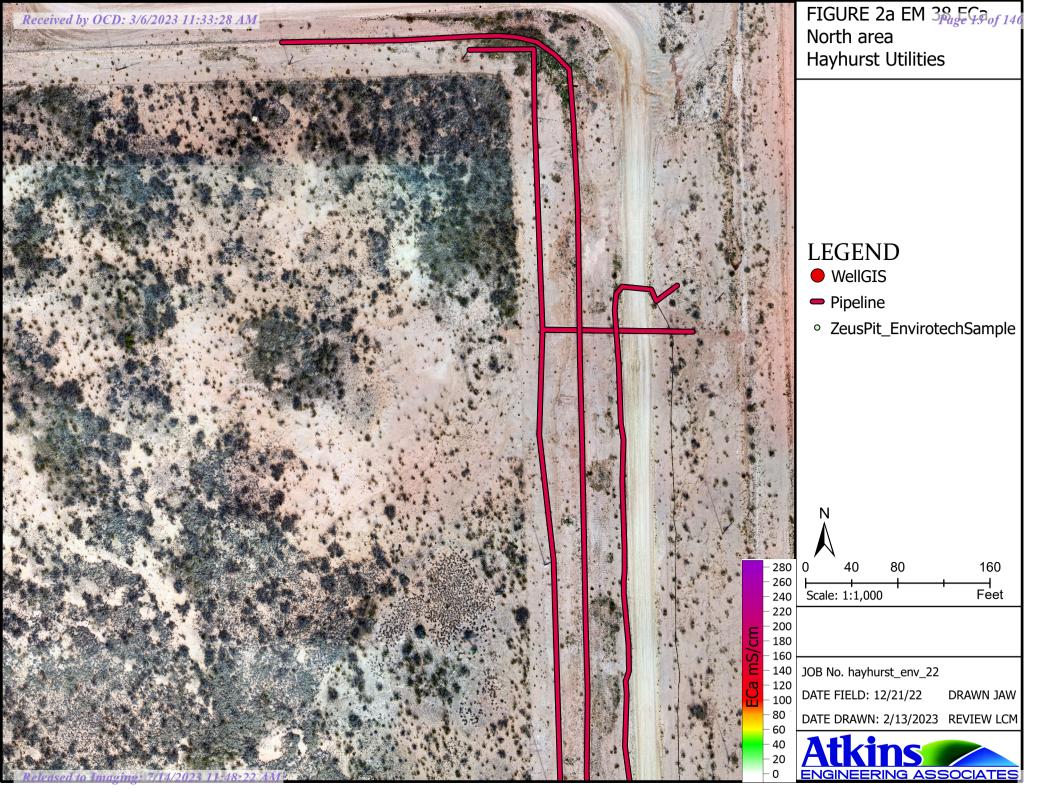
Appendix B: NMOSE Wells Report Appendix C: Envirotech Site Assessment

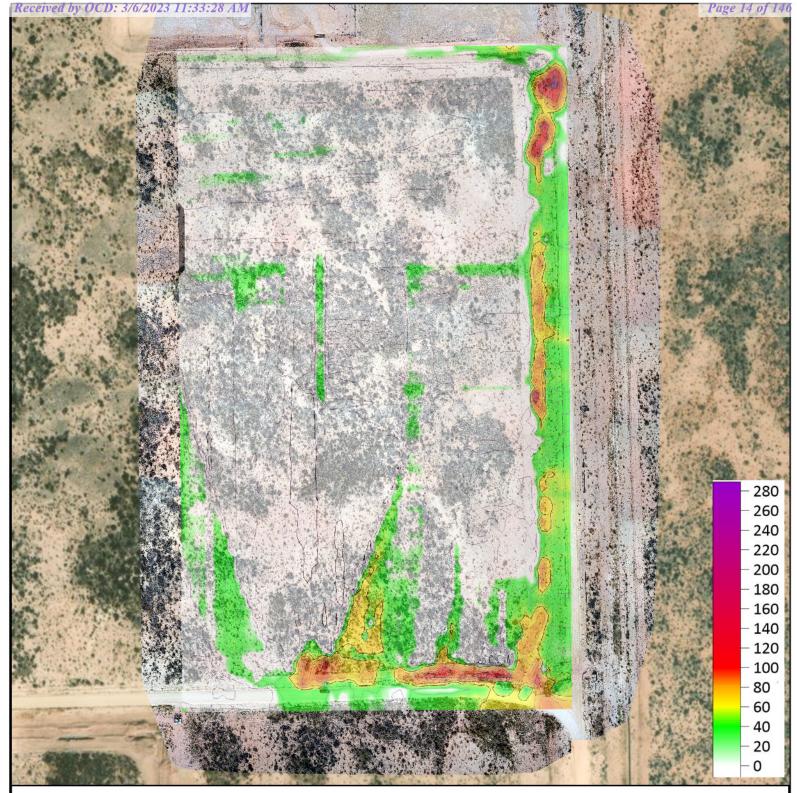
FIGURES











LEGEND



FIGURE -3 Hayhurst ECa Raw

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32.0946719, -104.154604

DATE FIELD: 1/11/23 DRAWN JAW REVIEW LCM
DATE DRAWN: 1/12/2023 JOB No. hayhurst_env_22



TABLES

Table 1, Summary of Soil Analytical Results Hayhurst Pad 10 Site Delineation Unit O, Section 26, Township 25S, Range 27E Eddy County, New Mexico Incident #nAPP2211730678

_aboratory Sample	Date	te Sample Description	EPA Method 8015			EPA Method 8021		EPA Method 300.0
ID	Date	Sample Description	GRO	DRO	ORO	Benzene	Total BTEX	Chlorides
		NMOCD Release Closure Criteria (Table 1 - 19.15.29.12 NMAC)	100 ma/ka			10 mg/kg	50 mg/kg	600 mg/kg
BG-1		·	N/A	N/A	N/A	N/A	N/A	<20.0
BG-2			N/A	N/A	N/A	N/A	N/A	<20.0
BG-3			N/A	N/A	N/A	N/A	N/A	<20.0
GS-1			<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
GS-2		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	8,660
GS-3			<20.0	<25.0	<50.0	<0.0250	<0.100	6,500
GS-4			<20.0	<25.0	<50.0	<0.0250	<0.100	17,300
GS-5	8/8/2022		<20.0	<25.0	<50.0	<0.0250	<0.100	5,560
GS-6			<20.0	<25.0	<50.0	<0.0250	<0.100	5,380
TH-1 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-1 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-2 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	13,600
TH-2 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	109
TH-3 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	11,600
TH-3 4'		4 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-4 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-4 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-5 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-5 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-6 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	12,500
TH-6 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	214
TH-7 0'		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	7,500
TH-7 4'		4 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-8 0"		Surface (0.0 - 0.25 ft)	<20.0	27.1	<50.0	<0.0250	<0.100	47,600
TH-8 10"		0.83 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	7,580
TH-9 0"	8/10/2022	Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	12,100
TH-9 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	120
TH-10 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	8,460
TH-10 4'		4 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-11 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	12,700
TH-11 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	472
TH-12 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	8,510
TH-12 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	1,010
TH-13 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	8,850
TH-13 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	499
TH-14 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	211
TH-14 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	12,400
TH-15 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	1,500
TH-15 4'		4 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	518
TH-16 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	7,200
TH-16 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	264
TH-17 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	7,520
TH-17 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	528
TH-18 0"	0// //0555	Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	791
TH-18 2'	8/11/2022	2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	13,900
TH-19 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	6,430
TH-19 4'		4 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	56.9
TH-20 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	25,800
TH-20 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	1,090
TH-21 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-21 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-22 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	2,090
TH-23 0"	\vdash	Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0

N/A - Not Analyzed



APPENDIX A FORMS C141

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	nAPP2211730678
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Chevron USA					OGRID: 4323					
Contact Name: Amy Barnhill					Contact Telephone: 432-687-7108					
Contact ema	Contact email: ABarnhill@chevron.com Incide					t (assigned by OCD)				
Contact mail	ing address:	: 6301 Deauville F	Blvd Midland, Tx	79706						
			Location	n of R	elease S	ource				
Latitude 32.0	94581				Longitude	-104.154458				
			(NAD 83 in a		grees to 5 decii					
Site Name: H	ayhurst Pad	1 10			Site Type:	Produced Water				
Date Release	Discovered	: 4-12-22			API# (if app	plicable)				
Unit Letter	Section	Township	Range		Cou	nty				
О	26	25S	27E	Eddy	/					
G 0 0	N 01 1			(37						
Surface Owner	r: 🔀 State	☐ Federal ☐ T	ribal Private	(Name:)				
			Nature an	d Vol	ume of]	Release				
	Mataria	ol(s) Palancad (Salant o	ill that apply and attac	sh calculat	ions or specific	e justification for the volumes provided below)				
Crude Oi		Volume Release		on calculat	ions of specific	Volume Recovered (bbls)				
Produced	Water	Volume Release	ed (bbls) 566			Volume Recovered (bbls) 0				
			tion of dissolved	chloride	in the	☐ Yes ☐ No				
		produced water				X 1 2 1 (11)				
Condensa		Volume Release				Volume Recovered (bbls)				
Natural G	as	Volume Release	. ,			Volume Recovered (Mcf)				
Other (de	escribe)	Volume/Weight	Released (provi	de units))	Volume/Weight Recovered (provide units)				
						discovered that a layflat head had separated, allowing a repairs on the connection.				
volume of pr	oduced wan	er to spin until ere	ws could shut do	wii, Cian	ip, and mak	e repairs on the connection.				

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Page 2 Oil Conservation Division

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Incident ID	nAPP2211730678
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the respo Over 25 bbls	nsible party consider this a major release?
19.15.29.7(A) NMAC?		
⊠ Yes □ No		
	otice given to the OCD? By whom? To warm Barnhill e-mailed Mike Bratcher.	hom? When and by what means (phone, email, etc)?
•	•	
	Initial R	esponse
The responsible p	party must undertake the following actions immediate	ly unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
☐ The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	we been contained via the use of berms or	dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
has begun, please attach	a narrative of actions to date. If remedial	remediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred please attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and
public health or the environr	nent. The acceptance of a C-141 report by the	ifications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have
		eat to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
and/or regulations.		
Printed Name: Amy Barn	hill	Title: Water Specialist
Signature:	L'Dhier	Date: 4-27-22
email: ABarnhill@chevro	on.com	Telephone: 432-687-7108
OCD Only		
Received by: .locelyn	Harimon	Date: 04/27/2022
received by:	Tidilinon	<u> </u>

Incident ID	nAPP2211730678
District RP	
Facility ID	
Application ID	



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 101822

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	101822
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

С	reated By	Condition	Condition Date
j	harimon	None	4/27/2022

APPENDIX B NMOSE WELLS REPORT



WELL RECORD & LOG

OFFICE OF	THE	STATE	ENGINEER
www.ose.sta	e.nm.	<u>us</u>	

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NC	OSE POD NO. N/A	(WELL NO.)	W	VELL TAG ID NO.			OSE FILE NO(S C-4371	S) .		1	
OCATIO	WELL OWNER NAME(S) Tetra Tech Inc. on behalf of Chevron N.A. E&P Co.							PHONE (OPTIC 432-687-813		: -· <u>:</u>	- P	
AND WELL LOCATION	WELL OWNER MAILING ADDRESS 901 W. Wall St. Suite 100					CITY STATE Midland TX 79				0.00 301=10E		
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ORM/	DRILLING METHOD:					ОТНЕ	R – SPECIFY:				··	
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FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. ('-4371 POD NO. / TRN NO. (/6/3/1)

LOCATION 255.27E.26.433 WELL TAG ID NO. PAGE 1 OF 2

PAGE 2 OF 2

WELL TAG ID NO.

	DEPTH (1	feet bgl)	THICKNESS		D TYPE OF MATERIAL ENG R-BEARING CAVITIES OR		l	ATER	ESTIMATED YIELD FOR WATER-
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LOCATION



								 					
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AND WELL LOCATION	Tetra Tech Inc. on behalf of Chevron N.A. E&P Co.								30				
ĭ	WELL OWNER MAILING ADDRESS									STATE	···	ZIP	
3	901 W. Wall St. Suite 100							CITY Midland		TX	79706		
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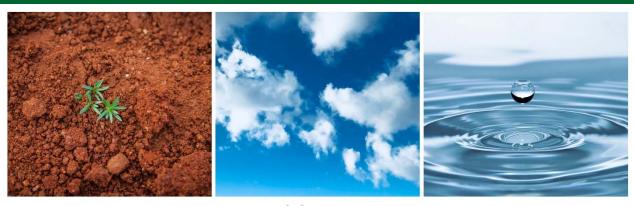
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 PAGE 1 OF 2

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APPENDIX C

ENVIROTECH SITE ASSESSMENT

Remediation Excavation and Closure Plan



Chevron - Hayhurst Pad 10 Incident #nAPP2211730678 Unit O, Section 26, T25S, R27E Eddy County, New Mexico August 24, 2022

Ms. Kayla Atkinson SwiftWater HSEQ Specialist 2401 North County Road 1287 Midland, Texas 79707 Phone: (830) 570-5220

E-mail: katkinson@swiftwater.com



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Tetra Technologies - Chevron Hayhurst Pad 10 Produced Water Release Remediation Plan Incident # nAPP2211730678 Unit O, Section 26, T25S, R27E Eddy County, New Mexico

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SURFACE A	AND GROUND WATER	1
REGULATO	PRY STANDARDS	1
SITE CHARA	ACTERIZATION-DELINEATION	2
Confirmation	eningon Soil Samplingy Analytical Results	2
REMEDIATION	ON PLAN	3
Site Stabili Site Closur	e Methodization and Restorationre	3 4
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Tables:	Table 1, Summary of Soil Analytical Results	
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Appendix E, SA-2000 Information



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Location

The subject site is identified as the Hayhurst Pad 10 Produced Water Spill and is located within Unit I and O, Section 26, Township 25 South, Range 27 East, Eddy County, New Mexico. The site location is further described as beginning at 32.09802, -104.15239 and terminating at 32.0946719, -104.154604; see **Figure 1, Vicinity Map**.

Background

On April 12, 2022, a release of produced water occurred at Chevron's Hayhurst Pad 10 due to a pressure spike causing a layflat head to separate. Approximately 566 barrels of produced water were released, and visible surface impact included an approximately 2,700 feet in length and averaging 20 feet in width. Crews were able to quickly shut down operations, clamp the hose, and make repairs to the connection.

Surface and Ground Water

Based on information provided by the United States Department of Agriculture Natural Resources Conservation Service (NRCS) Web Soil Survey, the soils predominant at the site is the Reeves-Reagan loams which consists of residuum weathered from gypsum.

The subject site is 4,662 feet west of a livestock tank (Apple Tank), and 1,074 feet east of a water well (C-04371). The depth to water in the water well is recorded at 69 feet on October 16, 2019. Therefore, depth to water at the subject site is estimated to be greater than 51 feet below ground surface (bgs) and less than 100 feet bgs. Additionally, the release site is located in a high karst occurrence location; therefore, the most stringent release closure criteria is applicable for any subsequent remediation efforts. Siting criteria documentation for the subject well site is provided in **Appendix A, Siting Documentation.**

Regulatory Standards

Based on the release being mostly confined to the upper 4 feet and in a high karst potential location, the closure criteria for the site were based on the following standards (19.15.29.12 and 19.15.29.13 NMAC):

Constituent	Method	Limit
Chloride	EPA 300.0	600 mg/kg
Total Petroleum Hydrocarbons (TPH)	EPA Method 8015D	100 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA Method 8021B	50 mg/kg
Benzene	EPA Method 8021B	10 mg/kg



Tetra Technologies-Chevron Characterization and Remediation Plan August 24, 2022 Page 2

Site Characterization-Delineation

Release delineation activities were conducted from August 8 through 11, 2022, which included utilizing hand tools and a trackhoe to advance test holes in proximity of the release path to determine the horizontal and vertical extents of the release.

Field Screening

To direct delineation activities, field screening for volatile organic compounds (VOCs) was conducted with a photo-ionization detector (PID) organic vapor meter (OVM). Prior to performing field screening activities, the PID-OVM was first calibrated with 100 parts per million (ppm) isobutylene gas. Soil samples were also screened in the field for TPH per United States Environmental Protection Agency (EPA) Method 418.1 using an Infracal Total Oil and Grease (TOG)/TPH Analyzer. A three-point calibration was completed prior to conducting soil screening. Field screening protocol followed the manufacture's operating procedures. Samples were also field screened for chlorides using a Hach Chloride Test Kit. Field screening results are provided in **Appendix B, Field Notes**.

Confirmation Soil Sampling

Three (3) surface soil samples were collected off-site, in undisturbed locations (BG-1, BG-2, and BG-3). The three (3) soil samples were used to provide background chloride concentrations for future remediation efforts. Additionally, six (6) surface, grab samples were collected along the central axis of the release path (GS-1 through GS-6). These samples were used to determine if VOCs and TPH could be used as indicators for the release delineation, or if chloride would be the contaminant of concern for this site. These initial samples were field screened as well as collected for laboratory analysis.

A total of twenty-three (23) test holes (TH) were excavated in proximity of the spill path. Two samples were collected for laboratory analysis from each test hole, except for TH-22 and TH-23. The sample depth was limited in these test holes due to safety restrictions from buried pipelines. All soil samples collected for laboratory analysis, were placed into an individual laboratory provided 2-ounce jar, capped head space free, and transported on ice to Envirotech Analytical Laboratory under strict chain of custody. The soil sample locations are illustrated in **Figure 2**, **Site Map** and in **Appendix C**, **Site Photography**.

Laboratory Analytical Results

The soil samples were analyzed per analytical methods referenced in 19.15.29.12 NMAC. Laboratory results indicate VOCs and TPH are below laboratory detection limits and regulatory standards throughout the spill path, at all depths analyzed. Chloride is the contaminant of concern for the subject release and concentrations ranged from <20.0 mg/kg in several samples to 47,600 mg/kg in TH-8 0". Analytical results are summarized in **Table 1**, **Summary of Soil Analytical Results** and **Appendix D**, **Laboratory Analytical Report.**



Tetra Technologies-Chevron Characterization and Remediation Plan August 24, 2022 Page 3

The original spill path was mapped out by Tetra Tech representatives, and the flow path was used to guide horizontal delineation efforts. Field screening and laboratory samples, correspond to the horizontal spill path originally mapped by Tetra Tech. The spill map will also be used to guide the horizontal extents of the remediation excavation.

Based on field screening and confirmation samples collected, contaminants of concern are below regulatory limits at 4 feet bgs throughout the release footprint. However, chloride above 600 mg/kg was recorded at 2 feet bgs in TH 12, 14, 18, and 20; which correspond to areas where the released fluid had ponded along the right-of-way. A majority of the remediation efforts are anticipated to be in the upper 2 feet of the release path, with sections extending to 2 to 3 feet bgs.

Remediation Plan

The spill footprint is estimated at 108,000 square feet to an average depth of 2 feet; therefore, it is estimated approximately 8,000 cubic yards of soil has been impacted. To successfully mitigate chloride contamination, and to protect public health and the environment, Tetra Tech/Chevron proposes the following remediation plan:

Based on the delineation field screening and laboratory analytical results for chloride, the contaminated soil will be removed to approximately 1.5 feet bgs along the entire spill path. Field screening using a Hach Chloride Test Kit will guide the excavation extents. Where chloride contamination was confirmed above regulatory standard at 2 feet bgs, excavation will continue until field screening results indicate chloride contamination has been removed.

The excavation will be deemed complete when field screening levels indicates chloride contamination is below the applicable regulatory standard. All contaminated soil will be transported off site to a NMOCD approved disposal facility.

Alternative Method

To expedite the remediation project, mitigate heavy truck traffic, and provide a cost-effective solution, an alternative to the traditional dig and haul is proposed. Treatment of the soil utilizing soil shredding and 3 Tier Technologies SA 2000 is the proposed alternative method. Soil shredding involves excavating impacted soil; mechanically grinding the soil; adding the appropriate soil amendment for the contaminates of concern in a liquid form; and allowing the treated soil to react. In the case of chloride impacted soils, the excavation and treatment process can be completed in approximately 10 to 20 days for the subject volume of soil. Further information regarding SA-2000 is provided in **Appendix E**.

Site Stabilization and Restoration

Upon completion of the remediation excavation, an NMOCD 48-hour notice will be submitted for confirmation sampling for contaminants of concern. Chevron is requesting a variance to the 200



Tetra Technologies-Chevron Characterization and Remediation Plan August 24, 2022 Page 4

square foot confirmation sampling requirement for the area to be excavated, which would require over 540 base samples within the excavation footprint. Chevron proposes increasing the confirmation sampling size to 5-point composite soil samples representative of 500 square feet for the base and sidewalls of the excavation. Five-point composite soil samples will be collected and analyzed for contaminants of concern provided in *Table 1* of *19.15.29.12 NMAC*. If laboratory analytical results indicate concentrations of TPH, benzene, total BTEX, and chloride are below Table 1 criteria, the site will be backfilled with non-impacted soil.

Site Closure

Upon completion of the remediation activities, Tetra Tech/Chevron will submit a Form C-141/Closure to the NMOCD, including the Closure Report Attachment Checklist. The site will be reclaimed in accordance with 19.15.29.13 NMAC.

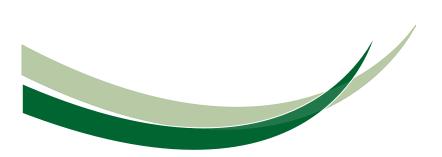
Schedule

The proposed schedule for the remediation excavation is estimated to be 45-65 days. This schedule is dependent on the availability of transport and the distance of the disposal facility from the subject site. This does not include confirmation sampling, laboratory analysis, and closure report preparation.

Figures

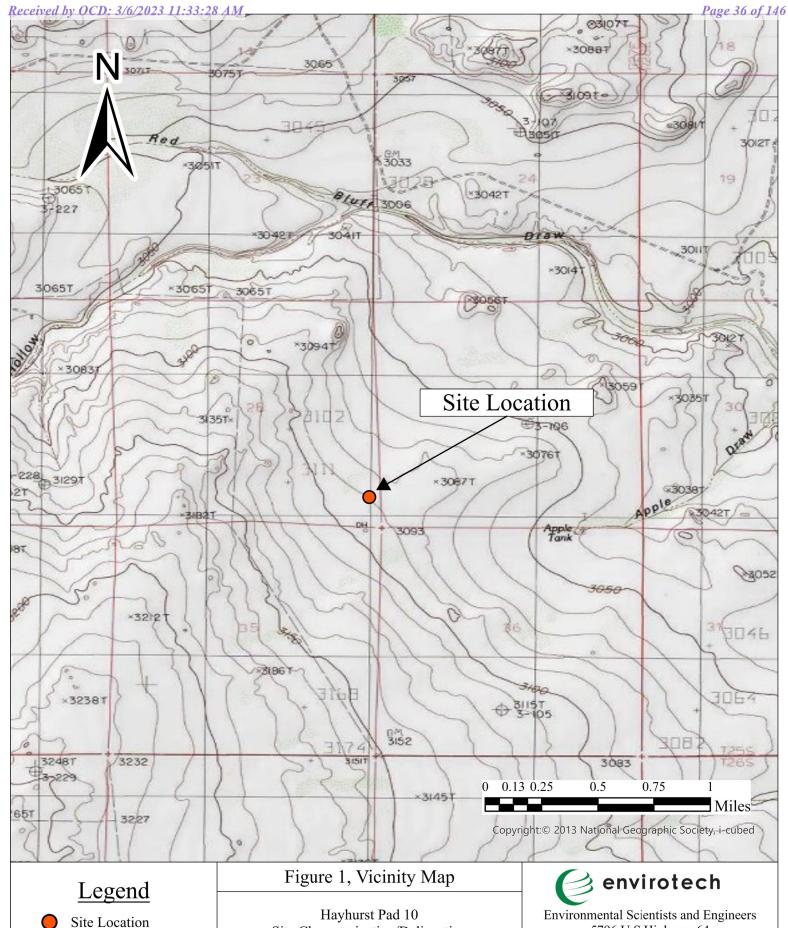


Figure 1, Vicinity Map Figure 2, Site Map





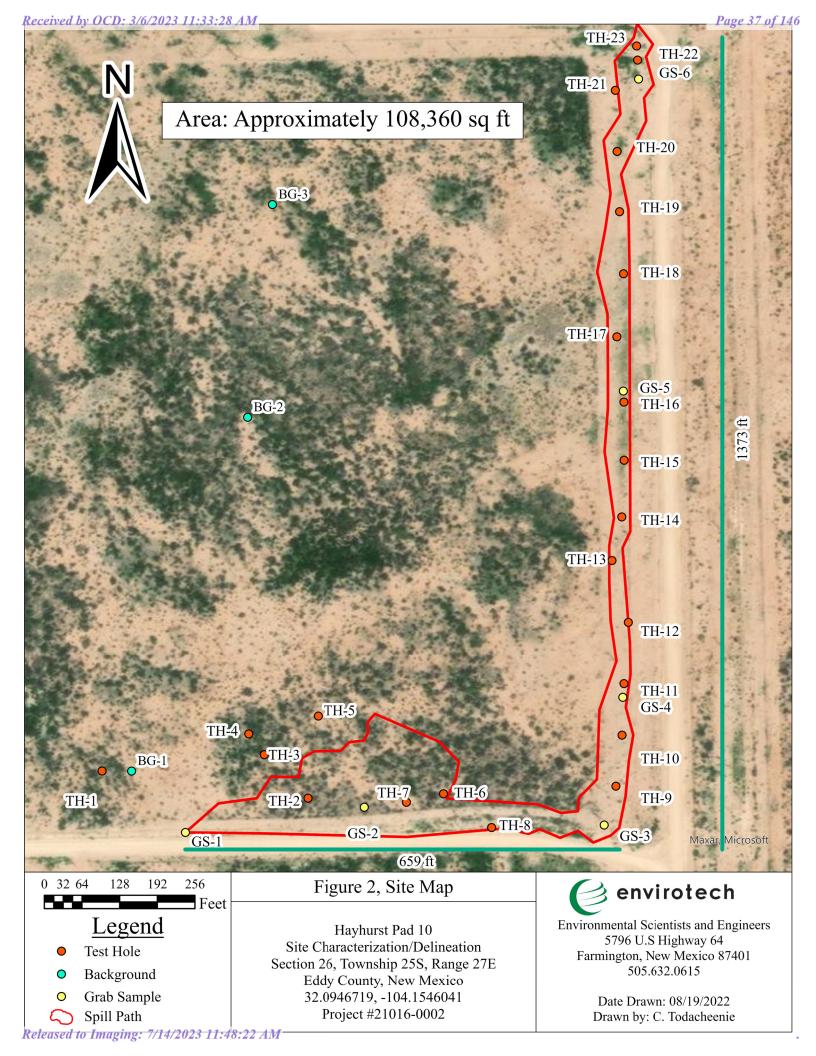
Practical Solutions for a Better Tomorrow



Site Characterization/Delineation Section 26, Township 25S, Range 27E Eddy County, New Mexico 32.0946719, -104.1546041 Project #21016-0002

5796 U.S Highway 64 Farmington, New Mexico 87401 505.632.0615

> Date Drawn: 08/19/2022 Drawn by: C. Todacheenie



Tables



Table 1, Summary of Soil Analytical Results





Practical Solutions for a Better Tomorrow

Table 1, Summary of Soil Analytical Results Hayhurst Pad 10 Site Delineation Unit O, Section 26, Township 25S, Range 27E Eddy County, New Mexico Incident #nAPP2211730678

_aboratory Sample	Date	Sample Description	EP	A Method 8	015	EPA Met	hod 8021	EPA Method 300.0
ID	Date	Sample Description	GRO	DRO	ORO	Benzene	Total BTEX	Chlorides
	•	NMOCD Release Closure Criteria (Table 1 - 19.15.29.12 NMAC)		100 mg/kg		10 mg/kg	50 mg/kg	600 mg/kg
BG-1		·	N/A	N/A	N/A	N/A	N/A	<20.0
BG-2			N/A	N/A	N/A	N/A	N/A	<20.0
BG-3			N/A	N/A	N/A	N/A	N/A	<20.0
GS-1			<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
GS-2		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	8,660
GS-3		, , ,	<20.0	<25.0	<50.0	<0.0250	<0.100	6,500
GS-4			<20.0	<25.0	<50.0	<0.0250	<0.100	17,300
GS-5	8/8/2022		<20.0	<25.0	<50.0	<0.0250	<0.100	5,560
GS-6			<20.0	<25.0	<50.0	<0.0250	<0.100	5,380
TH-1 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-1 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-2 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	13,600
TH-2 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	109
TH-3 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	11,600
TH-3 4'		4 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-4 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-4 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-5 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-5 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-6 0"	_	Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	12,500
TH-6 2'	_	2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	214
TH-7 0'	-	Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	7,500
TH-7 4'		4 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-8 0"		Surface (0.0 - 0.25 ft)	<20.0	27.1	<50.0	<0.0250	<0.100	47,600
TH-8 10"		0.83 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	7,580
TH-9 0"	8/10/2022	Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	12,100
TH-9 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	120
TH-10 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	8,460
TH-10 4'		4 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-11 0"	_	Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	12,700
TH-11 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	472
TH-12 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	8,510
TH-12 2'		2 feet BGS	<20.0	<25.0	<50.0 <50.0	<0.0250	<0.100	1,010
TH-13 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	8,850
TH-13 2'		2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	499
TH-14 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0 <50.0	<0.0250	<0.100	211
TH-14 0'	<u> </u>	2 feet BGS	<20.0	<25.0	<50.0 <50.0	<0.0250	<0.100	12,400
TH-14 2	<u> </u>	Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0 <50.0	<0.0250	<0.100	1,500
TH-15 4'	-	4 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	518
TH-16 0"	F	Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	7,200
TH-16 2'	 	2 feet BGS	<20.0	<25.0	<50.0 <50.0	<0.0250	<0.100	264
TH-17 0"	<u> </u>	Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	7,520
TH-17 2'	 	2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	528
TH-18 0"	<u> </u>	Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0 <50.0	<0.0250	<0.100	791
TH-18 2'	8/11/2022	2 feet BGS	<20.0	<25.0	<50.0 <50.0	<0.0250	<0.100	13,900
TH-19 0"		Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	6,430
TH-19 4'	-	4 feet BGS	<20.0	<25.0	<50.0 <50.0	<0.0250	<0.100	56.9
TH-19 4	-	Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0 <50.0	<0.0250	<0.100	25,800
TH-20 0	 	2 feet BGS	<20.0	<25.0 <25.0	<50.0 <50.0	<0.0250	<0.100	1,090
	 						•	•
TH-21 0"	F	Surface (0.0 - 0.25 ft)	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-21 2'	<u> </u>	2 feet BGS	<20.0	<25.0	<50.0	<0.0250	<0.100	<20.0
TH-22 0"	<u> </u>	Surface (0.0 - 0.25 ft) Surface (0.0 - 0.25 ft)	<20.0 <20.0	<25.0 <25.0	<50.0 <50.0	<0.0250 <0.0250	<0.100 <0.100	2,090 <20.0

N/A - Not Analyzed



Appendix A



Siting Criteria

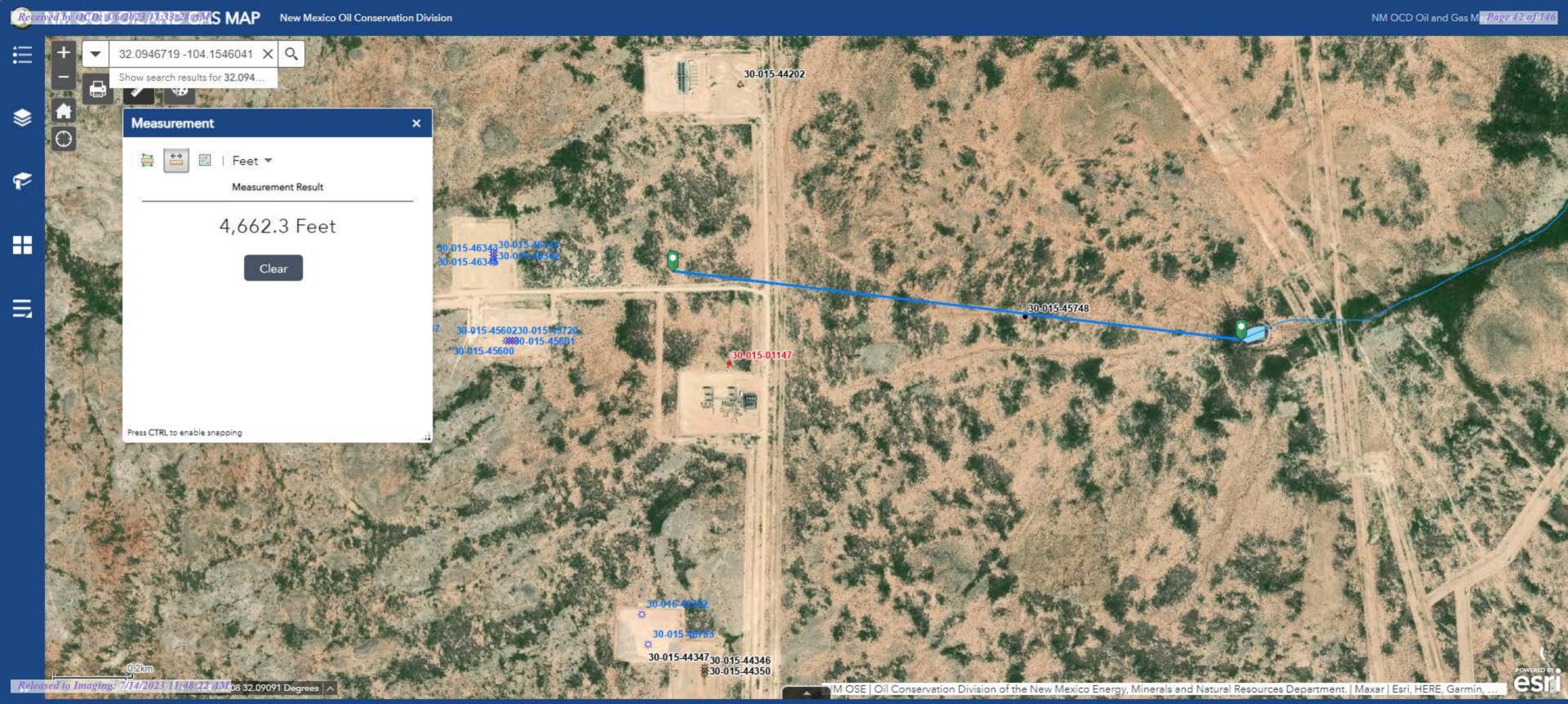




Practical Solutions for a Better Tomorrow

Site Name:	Chevron Hayhu	rst SWD			
API #:					
Lat/Long:	33.09467, -104.1	5460			
	Unti O Sec26 T2:				
Land Jurisdiction: State					
County:					
County.	Ludy				
Wellhead Protection Area Assessment					
Water Source Type					
(well/spring/stock pond)	ID	Latitude	Longitude	Distance	
Distance to Nearest Significant Watercourse					
Livestock Tank - 4,662 ft					
Depth to Groundwater Determination					
Cathodic Report/Site Specific Hydrogeology					
Elevation Differential 29' Higher than site					
Water Wells C-04371-POD1 Distance=1,076' DTW=69'(2019)					
Sensitive Receptor Determination					
<300' of any continuously flowing watercourse	or any other signif	icant waterco	ourse	No	
<200' of any lakebed, sinkhole or playa lake (mo	easured from the C	Ordinary High	n Water	No	
< 300' of an occupied permanent residence, scho				No	
<500' of a spring or private/domestic water well	used by <5 house	holds for dor	nestic or		
stock watering purposes				No	
<1000' of any water well or spring				No	
Within incorporated municipal boundaries or w	ithin a defined mu	nicipal fresh	water well	No	
<300' of a wetland				No	
Within the area overlying a subsurface mine				No	
Within an unstable area				Yes	
Within a 100-year floodplain (Zone D - risk unk				No	
DTW Determination		50-100	>100 🔲		
Benzene	10	10	10		
BTEX (mg/kg)		50	50		
8015 TPH (GRO/DRO) (mg/kg)		1,000	1,000		
8015 TPH (GRO/DRO/MRO) (mg/kg)		2,500	2,500		
Chlorides (mg/kg)	600	10,000	20,000		







Measurement

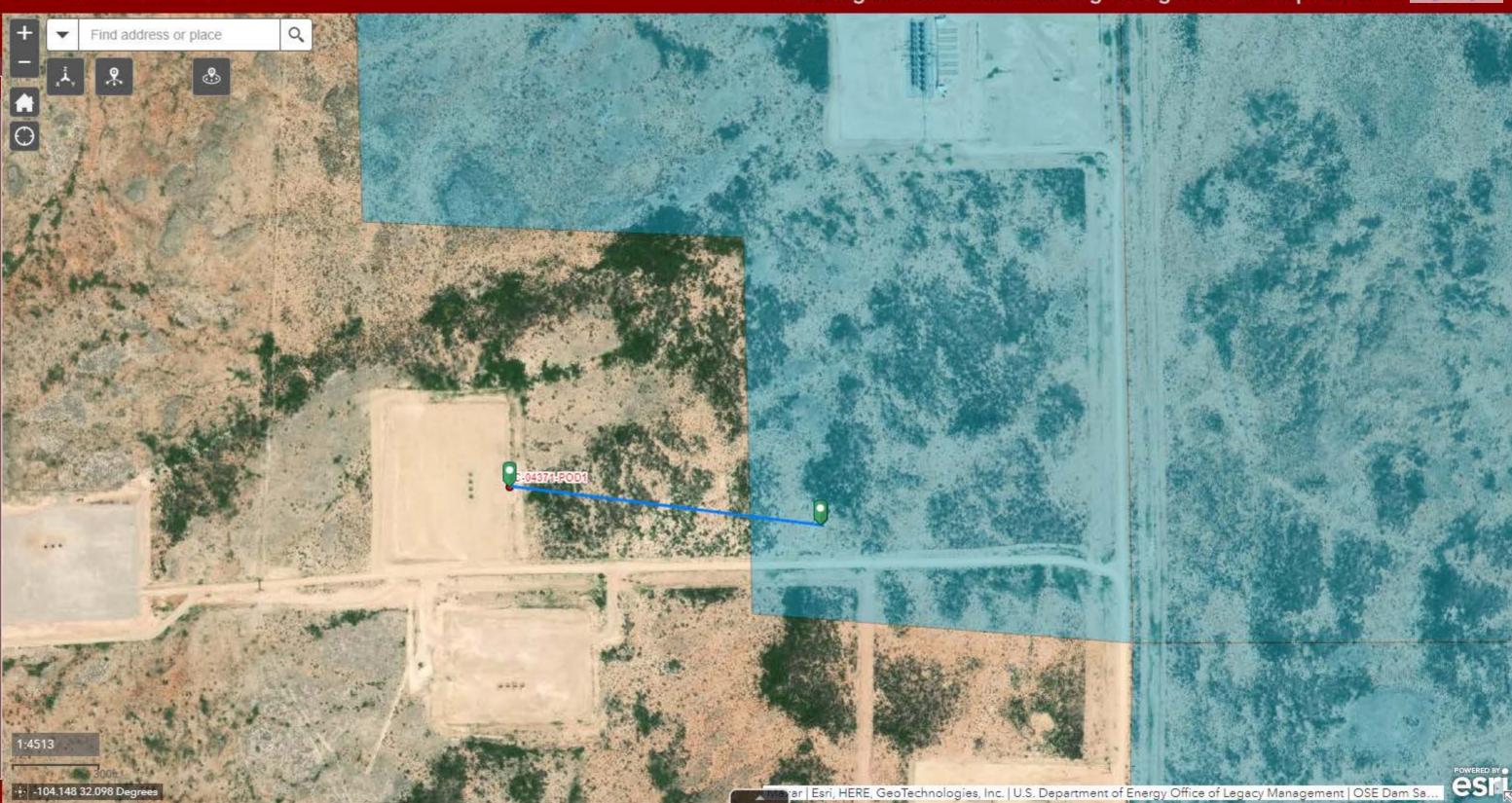
E | Feet ▼

Measurement Result

1,076.1 Feet

Clear

Press CTRL to enable snapping





Received by OCD: 3/6/2023 11:33:2 New Mexico Office of the State Engineer

Point of Diversion Summary

25S 27F

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD63 UTM in meters)

Well Tag POD Number

Q64 Q 16 Q4 Sec Tws Rng

X

Y 3551272 €

NA C 04371 POD1

Driller License: 1456

Driller Company:

WHITE DRILLING COMPANY

579369

Driller Name:

WHITE, JOHNNOWN, GENER

Drill Start Date: 10/17/2019

Drill Finish Date:

10/17/2019

Plug Date:

10/17/2019

Log File Date:

11/04/2019

PCW Rcv Date:

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

100 feet

Depth Water:

69 feet

Water Bearing Stratifications:

Top Bottom Description

5

100 Other/Unknown

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.

Received by OCD: 3/6/2023 11:33:28 AM National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** ---- 513---- Base Flood Elevation Line (BFE) Limit of Study

Digital Data Available

Jurisdiction Boundary --- Coastal Transect Baseline

Hydrographic Feature

Profile Baseline

No Digital Data Available

Unmapped

OTHER

FEATURES

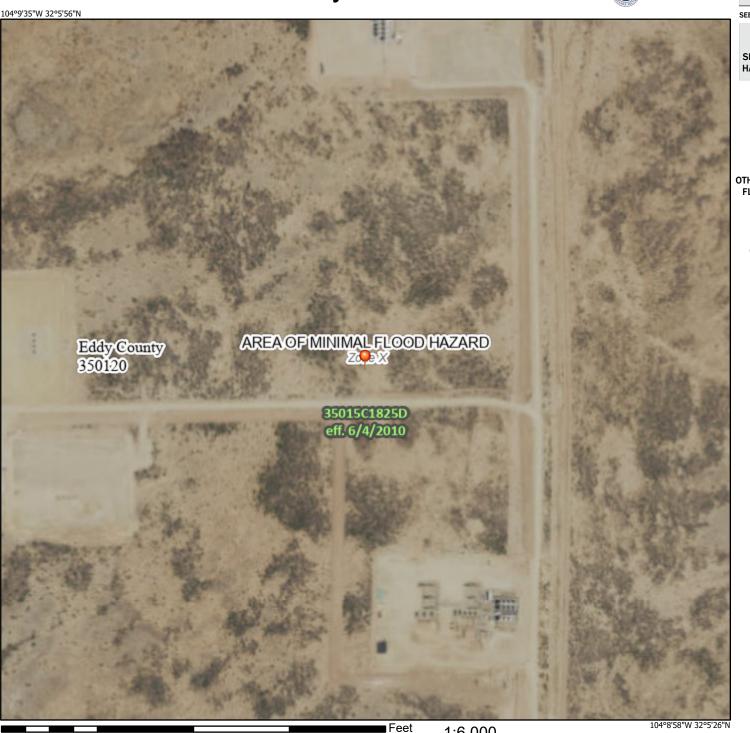
MAP PANELS

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/22/2022 at 4:30 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



OReleas240 Imaging: 7/14/2023 PP.48:22 AM

Appendix B



Field Notes





Practical Solutions for a Better Tomorrow

Released to Imaging: 7/14/2023 11:48:22 AM

CLIENT/JOB #: START DATE:		3 HAYHURST EDPY	5-63; 57 Fai	2-0615 /96 US F		62-1879 64 601	LONG:	.32 32.094 104.15 API: HWY-MM:	Offsite 6719 460	9: ₹ \
QUAD/UNIT:		SEC: 26		TWP:			27E			
Spill Located Approxim	(),((),(),(),(),(),(),(),(),(),(),(),(),	FT.			FROM		0.10			
Excavation Approx:						FT.	Volume (cv	/tons):		
Disposal Facility: Land Use: REGULATORY AGEN	CY:	nmoco					Land Owne	er: State		
ADDITIONAL CLOSUF	RE REQUIREM	ENIS:		LUS GEORY	oc .	TPU	(Method	140.4\	C	nloride
SAMPLE NAME	TIME	DESCRIPTIO)N	TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg
B6-I	9:08	BACKCEOURD	1						9:20	<32
36-2	9:26	BACKGROUND							9:41	
B6-3	9:45	BACKGROUND								432
65-1	10:06	4" B65		10:30	0.0	10:24	02	08		<u> </u>
GS-2	10:41	4" B6S		11:03	0.0	11:06	17	68		>6145
65-3	11:12	4° 865		11:34	0.0	11:30	91	364		5396
65-4	11:44	4" B65		12:02	8.0	11:55	46	184		76145
GS-5	12:10	4" B65		12:30	0.0	12:24	29	116		3578
65-6	12:44	4" B65		13:09	0.0	13:03	09	36		4328
TH-1 0"	13:29	SURFACE		13:43	0.0	13:45	00	00	13:40	
TH-1 2'	13:47	2' B6S		14:03	0.0	14:01	01	04	13.53	61
	77.00	NOTES:			y analysis ini	formation			1	
CS-COMPOSITE SAMPLE GS-GRAB SAMPLE SB-SOIL BORING TP-TEST PIT DU- DECISION UNIT ST-STATION	200511	D. → 191 CI	0.2	o)				£:		

Page 1 Of ____

Revised 6/14/2021

Field Screening Report VOC TPH (Method 418.1) CHLOR	mg/l >6/ 8 9 51- 614 i 47	TIME 14:44 15:03 15:45	CALC. ppm 24	READING	oort TPH (ing Rep	Screen	PRODUCTION AND ADDRESS OF THE PERSON NAMED IN COLUMN	2 of	Page #
VOC TPH (Method 418.1) CHLOR	mg/l 26/ 89 514 614	TIME 14:44 15:03 15:45	CALC. ppm 24	READING	TPH (oc	CONTRACTOR DESCRIPTION OF THE PERSON NAMED IN CONTRACTOR OF THE PERSON NAM	Field		
AMPLE NAME TIME DESCRIPTION TIME PID/OV Ppm TIME READING CALC. Ppm Ppm Ppm TIME READING CALC. Ppm Pp	mg/l 26/ 89 514 614	TIME 14:44 15:03 15:45	CALC. ppm 24	READING		The second second	VC			
AMPLENAME COLLECTED DESCRIPTION TIME ppm TIME READING ppm TIME http://doi.org/10.00/17.48 6 24 17.74 1.20 2.3 14.50 2.865 15.11 0.0 15.04 0 0 15.04 0 0 15.03 1.20 1.20 1.20 1.20 1.20 1.20 1.20 1.20	76/ 89 514 614	14:44 15:03 15:45	24 0		TIME	PID/OV				
1-2 2' 14:50 2:865 15:11 0.0 15:09 0 0 15:03 1-3 0" 15:34 Superce 15:52 0.0 15:49 21 84 15:45 1-3 2' 15:54 2:865 16:20 0.0 16:13 10 46 16:08 -3 4' 16:38 4' 865 16:55 0.0 16:53 09 36 16:50 PHELD ACTIVITIES 1-4 0" 10:06 Superce 10:16 0.0 10:10 29 116 10:21 4 1-4 2" 10:19 2' 865 10:41 0.0 10:39 24 96 10:44 4 1-5 0" 10:47 2' 865 11:09 6 1-6 0" 11:33 2' 865 11:41 11:41 11:41	614	15.03 15.45	0	1 / 1			TIME	DESCRIPTION		SAMPLE NAME
1-3 0" 15:34 SURPRIE 15:52 0.0 15:49 21 89 15:45 1-3 2' 15:54 2' B6S 16:20 0.0 16:13 10 40 16:08 -3 4' 16:38 4' B6S 16:55 0.0 16:53 09 36 16:50 PIELD ACTUINES 1-4 0" 10:06 SURFREE 10:16 0.0 10:10 29 116 10:21 4 1-4 2" 10:19 2' B6S 10:41 0.0 10:39 24 96 10:144 4 1-5 0" 10:43 2' B6S 10:41 0.0 10:39 24 96 10:144 4 1-5 0" 10:43 2' B6S 11:09 0 11:42 11:42 11:43 11:43 11:44 11:45 12:44 11:41 11:42 11:44 11:45 12:44 11:41	614	15:45		9	17:48					
1-3 2' 15 54 2' 865 16:20 0.0 16:13 10 46 16:08 -3 4' 16:38 4' 865 16:55 0.0 16:53 09 36 16:50 16:50 16:53 09 36 16:50 16:50 16:53 09 36 16:50 16:50 16:53 09 36 16:50 16:50 16:53 09 36 16:50 1	6147		6.1						14:50	
-3 4' 16.38 4' B6S 16.55 0.0 16.53 09 36 16.50 PIELD ACTUINES 1-40' 10:06 Surface 10:16 0.0 10:10 29 116 10:21 6 1-42' 10:29 2' B6S 10:41 0.0 10:39 24 96 10:44 6 1-50' 10:45 Surface 11:06 6 1-52' 10:47 2' B6S 11:09 6 11:72 11:33 2' 865 11:41 6 11:72 11:41 11:41 11:41	147	116:00						SUPERCE	15:34	TH-3 0"
PIELD ACT VITES 1-40" 10:06 SURFACE 10:16 0.0 10:10 29 116 10:21 6 1-42" 10:29 2' BGS 10:41 0.0 10:39 24 96 10:44 6 1-50" 10:45 SURFACE 11:06 6 1-52' 10:47 2' B6S 11:09 6 1-60" 11:30 SURFACE 11:33 2' 865 11:45 6 1-70" 17:01 SURFACE 11:41 11:41			40					2' B6S	15:54	
1-40" 10:06 SURFACE 10:16 0.0 10:10 29 116 10:21 6 1-42" 10:29 2' BGS 10:41 0.0 10:39 24 96 10:44 6 1-50" 10:45 SURFACE 11:06 6 1-52" 10:47 2' BGS 11:09 6 1-60" 11:30 SURFACE 11:42 6 11:42 6 11:45 6 11:45 6 11:49 1	ע זיי	16.50	56	09	16.53	0.0	16:55	4, 1262	16:38	TH-3 4'
1-42" 10:29 2' BGS 10:41 0.0 10:39 24 96 10:44 6 1-50" 10:45 Surface 1-52' 10:47 2' BGS 11:06 6 1-60" 11:30 Surface 11:42 5 11:41 11:41	× 77								VITIES -	NO FIELD ACT
1-42" 10:29 2' BGS 10:41 0.0 10:39 24 96 10:44 6 1-50" 10:45 Surface 1-52' 10:47 2' BGS 11:06 6 1-60" 11:30 Surface 11:42 5 11:41 11:41	1 5 3	10:22	116	29	10:20	0.0	10:26	SULFACE	10:06	TH-4 0"
1-5 0° 10:45 SURFACE 1-5 2' 10:47 2' B65 1-6 0" 11:30 SURFACE H-6 2' 11:33 2' P65 1-7 0" 12:01 SURFACE 11:41	433	10:44			10:39			2' BGS		TH-42
1-5 2' 10:47 2' 865 1-6 0" 11:30 SURPACE H-6 2' 11:33 2' 865 1-7 0" 12:01 SURFACE	< 3:	11.06						SURFACE	10:45	TH-5 0'
4-60" 11:30 SURPACE 11:42" 4-62' 11:33 2' P65 16:45 16:45 6 1-1-70" 12:01 SURFACE 12:14 1	432							2' B65	10:47	TH-52'
H-6 2' 11:33 2' 865 -1-7 0" 12:01 SUKEALE 12:14 (763						2000	SURPACE	11:30	TH-60"
	255									TH-62
	614									TH-7 0"
	1197									
	79								17:15	TH-7 4'
H-8 10" 13:08 SUKFACE 13:22 7 H-8 10" 13:14 10" RGS 13:26 9	7614			\vdash				SUKFACE		TH-8 10"
	761					120000000000000000000000000000000000000	-			
	174							D' RIC		TH-9 2'
	>610						1		14:39	
	480							2' B65		
-10 4' 15:13 4.065	174	15:33							15:13	
-11 0" 13:55 SURPROF 16:16 7	761	16:16	7-7-1					SURFACE		
1-10 Z' 15:57 Z'BGC 113:19 &	886	16.19						5, BCL	15:57	TH-10 Z'
-12 0" 16:37 SUNFACE 16:57 (614.					200		SURFACE	16:37	TH-12 0"
	443									TH-17 2
	7614									
-13 2' 17:07 2'865	443	17.25						5, 867	11.0+	7H-13 2
	<u> </u>									
					4					
									-	
1-13 0" 17:05 SURFIACE 17:13	12	14:5						Z' PGS SURFACE	16:39	TH-12 0" TH-13 0" TH-13 L'

CLIENT/JOB #: START DATE: FINISH DATE: Page #	8-11-22 8-11-22 3 of	505-6	505-632-0615 1-800-362-1879 5796 US Highway 64 Farmington, NM 87401			Site Name: HAYHWEST F LAT LONG			
			Screen	ing Rer	oort				
				oc	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAME	(Method 4	118.1)	CHLC	RIDE
SAMPLE NAME	TIME COLLECTED	DESCRIPTION	TIME	PID/OV ppm	TIME	READING	CALC.	TIME	mg/l
TV-17 0"	4:08	SURPREE						9:32	7616
TH-11/2'	9:10	5. Be2						9:34	40
TH. 120,	9:42	SURPACIO				<u> </u>		9:59	1288
TU-15 2	9:44	2. B63						10:25	413
TH-15 4'	10.00	SURFACE						11.09	6145
TH- 16 2'	16:44	2' B6S	-					11:07	253
T4-170"	12:02	SURFACE						12:20	614
TI-17 2	12:07	2. 865						17:24	500
TH-180"	12:36	SURFACE						12:56	7614
TH-18 2'	12:38	2. 862						13:00	711
TH-190"	13:35	SURFACE						13:57	761
TH-192'	13:77	7. Bel						14:00	1619
TH-19 T'	14:08	4. Bes						17:21	45
TH -200"	15:32	TUKEALE				+		15.50	7619
TH-702'	15:35	5, 862				-		15:54	638
TH-210"	16:04	SURFACE 7.865						16:21	<32
TH-220"	17:01	SURFACE						17:19	161
TH-230"	17:05	SURFACE						14:11	<32
									
			1						
		NOTES ()	- Int		in inferre	2011011			
				-					
		NOTES: Includ	EO SURFA	UE SAME	LET FOI	L DELINE		DUE TO LI	uw.

Appendix C



Site Photography





Practical Solutions for a Better Tomorrow

Site Photography

Tetra Tech
Eddy County, New Mexico
Site Characterization/Delineation
Project #21016-0002
August 15, 2022



Picture 1: Overview of Spill Path



Picture 2: Example TH-11 @ 2'



Site Photography

Tetra Tech
Eddy County, New Mexico
Site Characterization/Delineation
Project #21016-0002
August 15, 2022



Picture 3: Example TH-3 @4'



Picture 4: Example BG-1



Site Photography

Tetra Tech
Eddy County, New Mexico
Site Characterization/Delineation
Project #21016-0002
August 15, 2022



Picture 5: Example TH -10 @ 4'



Appendix D



Laboratory Analytical Reports





Practical Solutions for a Better Tomorrow

Report to:
Greg Crabtree







5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tetra Technologies

Project Name: Hayhurst Pad 10

Work Order: E208073

Job Number: 21016-0002

Received: 8/12/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/19/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 8/19/22

Greg Crabtree 6121 Indian School Road, NE Albuquerque, NM 87110

Project Name: Hayhurst Pad 10

Workorder: E208073

Date Received: 8/12/2022 3:01:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/12/2022 3:01:00PM, under the Project Name: Hayhurst Pad 10.

The analytical test results summarized in this report with the Project Name: Hayhurst Pad 10 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Alexa Michaels

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labadmin@envirotech-inc.com

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Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Technical Representative Office: 505-421-LABS(5227)

Rayny Hagan

West Texas Midland/Odessa Area

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Tetra Technologies	Project Name:	Hayhurst Pad 10	Reported:
6121 Indian School Road, NE	Project Number:	21016-0002	Reported.
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	08/19/22 14:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG-1	E208073-01A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
BG-2	E208073-02A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
BG-3	E208073-03A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
GS-1	E208073-04A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
GS-2	E208073-05A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
GS-3	E208073-06A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
GS-4	E208073-07A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
GS-5	E208073-08A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
GS-6	E208073-09A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
TH-1 0"	E208073-10A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
TH-1 2'	E208073-11A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
TH-2 0"	E208073-12A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
TH-2 2'	E208073-13A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
TH-3 0"	E208073-14A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
TH-3 4'	E208073-15A	Soil	08/08/22	08/12/22	Glass Jar, 2 oz.
TH-4 0"	E208073-16A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-4 2'	E208073-17A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-5 0"	E208073-18A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-5 2'	E208073-19A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-6 0"	E208073-20A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-6 2'	E208073-21A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

BG-1

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	RAS		Batch: 2234018	
Chloride	ND	20.0	1	08/15/22	08/16/22		

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

BG-2

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
		/1	A malviati	DAC		D . 1 2224010	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	KAS		Batch: 2234018	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

BG-3

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	RAS		Batch: 2234018	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

GS-1

E208073-04								
Reporting								
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	ΙΥ		Batch: 2234017	
Benzene	ND	0.0250	1	1	08/15/22	08/16/22		
Ethylbenzene	ND	0.0250		1	08/15/22	08/16/22		
Toluene	ND	0.0250		1	08/15/22	08/16/22		
o-Xylene	ND	0.0250		1	08/15/22	08/16/22		
p,m-Xylene	ND	0.0500		1	08/15/22	08/16/22		
Total Xylenes	ND	0.0250		1	08/15/22	08/16/22		
Surrogate: Bromofluorobenzene		101 %	70-130		08/15/22	08/16/22		
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		08/15/22	08/16/22		
Surrogate: Toluene-d8		105 %	70-130		08/15/22	08/16/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	ΙΥ		Batch: 2234017	
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/15/22	08/16/22		
Surrogate: Bromofluorobenzene		101 %	70-130		08/15/22	08/16/22		
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		08/15/22	08/16/22		
Surrogate: Toluene-d8		105 %	70-130		08/15/22	08/16/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	ΙL		Batch: 2234004	
Diesel Range Organics (C10-C28)	ND	25.0		1	08/15/22	08/16/22		
Oil Range Organics (C28-C36)	ND	50.0	:	1	08/15/22	08/16/22		
Surrogate: n-Nonane		78.8 %	50-200		08/15/22	08/16/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	RAS		Batch: 2234018	
		•						

20.0

08/15/22

08/16/22

ND



Chloride

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

GS-2

		E208073-05				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2234017
Benzene	ND	0.0250	1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/16/22	
Toluene	ND	0.0250	1	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		99.6 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		105 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2234017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		99.6 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		105 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL		Batch: 2234004
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/16/22	_
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/16/22	
Surrogate: n-Nonane		83.0 %	50-200	08/15/22	08/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2234018
Chloride	8660	200	10	08/15/22	08/16/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

GS-3

E208073-06 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: IY Batch: 2234017 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 08/15/22 08/16/22 ND 0.0250 Benzene 1 08/15/22 08/16/22 Ethylbenzene ND 0.0250ND 0.0250 1 08/15/22 08/16/22 Toluene 1 08/15/22 08/16/22 o-Xylene ND 0.025008/15/22 08/16/22 ND 0.0500 1 p,m-Xylene 08/15/22 08/16/22 1 Total Xylenes ND 0.0250 08/16/22 08/15/22 Surrogate: Bromofluorobenzene 99.5 % 70-130 08/16/22 Surrogate: 1,2-Dichloroethane-d4 97.2 % 70-130 08/15/22 Surrogate: Toluene-d8 104 % 70-130 08/15/22 08/16/22 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: IY Batch: 2234017 ND 1 08/15/22 08/16/22 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 99.5 % 08/15/22 08/16/22 70-130 97.2 % 08/15/22 08/16/22 Surrogate: 1,2-Dichloroethane-d4 70-130 Surrogate: Toluene-d8 08/15/22 08/16/22 104 % 70-130 mg/kg Analyst: JL Batch: 2234004 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 08/15/22 08/16/22 ND 25.0 1 Diesel Range Organics (C10-C28) ND 50.0 1 08/15/22 08/16/22 Oil Range Organics (C28-C36) 77.5 % 50-200 08/15/22 08/16/22 Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: RAS Batch: 2234018

400

6500

20

08/15/22

08/16/22



Chloride

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

GS-4

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2234017
Benzene	ND	0.0250	1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/16/22	
Toluene	ND	0.0250	1	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		104 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2234017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		99.1 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		104 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	.nalyst: JL		Batch: 2234004
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/16/22	
Surrogate: n-Nonane		77.7 %	50-200	08/15/22	08/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2234018
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Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

GS-5

_		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	analyst: IY		Batch: 2234017
Benzene	ND	0.0250	1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/16/22	
Toluene	ND	0.0250	1	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		103 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	analyst: IY		Batch: 2234017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		103 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	analyst: JL		Batch: 2234004
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/16/22	
Surrogate: n-Nonane		77.4 %	50-200	08/15/22	08/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	analyst: RAS		Batch: 2234018
Chloride	5560	400	20	08/15/22	08/16/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

GS-6

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	ΙΥ		Batch: 2234017
Benzene	ND	0.0250	1		08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1		08/15/22	08/16/22	
Toluene	ND	0.0250	1		08/15/22	08/16/22	
o-Xylene	ND	0.0250	1		08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1		08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1		08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		102 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		105 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	ΙΥ		Batch: 2234017
Gasoline Range Organics (C6-C10)	ND	20.0	1		08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		102 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		105 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	JL		Batch: 2234004
Diesel Range Organics (C10-C28)	ND	25.0	1		08/15/22	08/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1		08/15/22	08/16/22	
Surrogate: n-Nonane		73.1 %	50-200		08/15/22	08/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2234018
Chloride	5380	200	10	n	08/15/22	08/16/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

TH-1 0" E208073-10

		22000.0 10				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Allaryte		Lillit		1	Anaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	nalyst: IY		Batch: 2234017
Benzene	ND	0.0250	1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/16/22	
Toluene	ND	0.0250	1	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		105 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: IY		Batch: 2234017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		98.8 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		105 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	aalyst: JL		Batch: 2234004
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/16/22	
Surrogate: n-Nonane		80.3 %	50-200	08/15/22	08/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: RAS		Batch: 2234018
Chloride	ND	20.0	1	08/15/22	08/16/22	· · · · · · · · · · · · · · · · · · ·

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

TH-1 2' E208073-11

	Reporting					
Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
mg/kg	mg/kg	1	Analyst: IY			Batch: 2234017
ND	0.0250	1		08/15/22	08/16/22	
ND	0.0250	1		08/15/22	08/16/22	
ND	0.0250	1		08/15/22	08/16/22	
ND	0.0250	1		08/15/22	08/16/22	
ND	0.0500	1		08/15/22	08/16/22	
ND	0.0250	1	Į.	08/15/22	08/16/22	
	98.9 %	70-130		08/15/22	08/16/22	
	95.1 %	70-130		08/15/22	08/16/22	
	104 %	70-130		08/15/22	08/16/22	
mg/kg	mg/kg	I	Analyst: IY			Batch: 2234017
ND	20.0	1	l	08/15/22	08/16/22	
	98.9 %	70-130		08/15/22	08/16/22	
	95.1 %	70-130		08/15/22	08/16/22	
	104 %	70-130		08/15/22	08/16/22	
mg/kg	mg/kg	1	Analyst: JL			Batch: 2234004
ND	25.0	1		08/15/22	08/16/22	
ND	50.0	1	l	08/15/22	08/16/22	
	77.3 %	50-200		08/15/22	08/16/22	
mg/kg	mg/kg	1	Analyst: RA	AS		Batch: 2234018
ND	200	10	0	08/15/22	08/16/22	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 98.9 % 95.1 % 104 % 104 % mg/kg mg/kg ND 20.0 98.9 % 95.1 % 104 % 104 % mg/kg mg/kg ND 25.0 ND 50.0 77.3 % mg/kg mg/kg mg/kg	Result Limit Dilu mg/kg mg/kg ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0500 1 ND 0.0250 1 98.9 % 70-130 95.1 % 70-130 mg/kg mg/kg ND 20.0 1 98.9 % 70-130 95.1 % 70-130 104 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 77.3 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: IY ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 98.9 % 70-130 95.1 % 70-130 mg/kg mg/kg Analyst: IY ND 20.0 1 98.9 % 70-130 1 95.1 % 70-130 1 mg/kg mg/kg Analyst: IX ND 25.0 1 ND 50.0 1 77.3 % 50-200 mg/kg Analyst: RA	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0500 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 95.1 % 70-130 08/15/22 95.1 % 70-130 08/15/22 mg/kg mg/kg Analyst: IY ND 20.0 1 08/15/22 95.1 % 70-130 08/15/22 95.1 % 70-130 08/15/22 104 % 70-130 08/15/22 mg/kg mg/kg Analyst: JL ND 25.0 1 08/15/22 ND 50.0 1 08/15/22 ND 50.0 1 08/15/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15/22 08/16/22 ND 0.0500 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 98.9 % 70-130 08/15/22 08/16/22 95.1 % 70-130 08/15/22 08/16/22 mg/kg mg/kg Analyst: IY ND 20.0 1 08/15/22 08/16/22 95.1 % 70-130 08/15/22 08/16/22 95.1 % 70-130 08/15/22 08/16/22 08/16/22 104 % 70-130 08/15/22 08/16/22 0



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

TH-2 0"

		E208073-12				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2234017
Benzene	ND	0.0250	1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/16/22	
Toluene	ND	0.0250	1	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		101 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		104 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2234017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		101 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		104 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2234004
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/17/22	
Surrogate: n-Nonane		73.2 %	50-200	08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2234018
Chloride	13600	400	20	08/15/22	08/16/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

TH-2 2' E208073-13

	D 1	Reporting	D ".		,		N
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2234017
Benzene	ND	0.0250	1	08	/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08	/15/22	08/16/22	
Toluene	ND	0.0250	1	08	/15/22	08/16/22	
o-Xylene	ND	0.0250	1	08	/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08	/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08	/15/22	08/16/22	
Surrogate: Bromofluorobenzene		99.8 %	70-130	08	2/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	08	2/15/22	08/16/22	
Surrogate: Toluene-d8		103 %	70-130	08	2/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2234017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08	/15/22	08/16/22	
Surrogate: Bromofluorobenzene		99.8 %	70-130	08	2/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	08	2/15/22	08/16/22	
Surrogate: Toluene-d8		103 %	70-130	08	2/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2234004
Diesel Range Organics (C10-C28)	ND	25.0	1	08	/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08	/15/22	08/17/22	
Surrogate: n-Nonane		82.3 %	50-200	08	2/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS			Batch: 2234018
Chloride	109	20.0	1		/15/22	08/16/22	•

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

TH-3 0"

		E208073-14				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2234017
Benzene	ND	0.0250	1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/16/22	
Toluene	ND	0.0250	1	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		105 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2234017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		105 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2234004
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/17/22	
Surrogate: n-Nonane		77.7 %	50-200	08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: RAS		Batch: 2234018
Chloride	11600	400	20	08/15/22	08/16/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

TH-3 4' E208073-15

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2234017
Benzene	ND	0.0250	1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/16/22	
Toluene	ND	0.0250	1	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		104 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2234017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		104 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	.nalyst: JL		Batch: 2234004
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/17/22	
Surrogate: n-Nonane		96.6 %	50-200	08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2234018
Chloride	ND	200	10	08/15/22	08/16/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

TH-4 0" E208073-16

		E208073-16					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2234017
Benzene	ND	0.0250		1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250		1	08/15/22	08/16/22	
Toluene	ND	0.0250		1	08/15/22	08/16/22	
o-Xylene	ND	0.0250		1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500		1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250		1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		100 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		104 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2234017
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		100 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		104 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: Љ		Batch: 2234004
Diesel Range Organics (C10-C28)	ND	25.0		1	08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/15/22	08/17/22	
Surrogate: n-Nonane		94.8 %	50-200		08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2234018
Chloride	ND	20.0		1	08/15/22	08/16/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

TH-4 2' E208073-17

	Reporting					
Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2234017
ND	0.0250		1	08/15/22	08/16/22	
ND	0.0250		1	08/15/22	08/16/22	
ND	0.0250		1	08/15/22	08/16/22	
ND	0.0250		1	08/15/22	08/16/22	
ND	0.0500		1	08/15/22	08/16/22	
ND	0.0250		1	08/15/22	08/16/22	
	98.9 %	70-130		08/15/22	08/16/22	
	96.0 %	70-130		08/15/22	08/16/22	
	104 %	70-130		08/15/22	08/16/22	
mg/kg	mg/kg		Analyst:	IY		Batch: 2234017
ND	20.0		1	08/15/22	08/16/22	
	98.9 %	70-130		08/15/22	08/16/22	
	96.0 %	70-130		08/15/22	08/16/22	
	104 %	70-130		08/15/22	08/16/22	
mg/kg	mg/kg		Analyst:	JL		Batch: 2234004
ND	25.0		1	08/15/22	08/17/22	
ND	50.0		1	08/15/22	08/17/22	
	85.7 %	50-200		08/15/22	08/17/22	
mg/kg	mg/kg		Analyst:	RAS		Batch: 2234018
ND	200	1	10	08/15/22	08/16/22	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 98.9 % 96.0 % 104 % mg/kg ND 20.0 98.9 % 96.0 % 104 % mg/kg Mg/kg mg/kg ND 25.0 ND 50.0 85.7 % mg/kg mg/kg mg/kg	Result Limit Dile mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 98.9 % 70-130 96.0 % 70-130 104 % 70-130 mg/kg mg/kg ND 20.0 98.9 % 70-130 96.0 % 70-130 104 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 85.7 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 98.9 % 70-130 96.0 % 70-130 104 % 70-130 mg/kg mg/kg Analyst: ND 25.0 1 ND 25.0 1 ND 50.0 1 85.7 % 50-200 mg/kg Mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0500 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 98.9 % 70-130 08/15/22 96.0 % 70-130 08/15/22 104 % 70-130 08/15/22 98.9 % 70-130 08/15/22 96.0 % 70-130 08/15/22 104 % 70-130 08/15/22 104 % 70-130 08/15/22 104 % 70-130 08/15/22 104 % 70-130 08/15/22 104 % 70-130 08/15/22 104 % 70-130 08/15/22 ND 25.0	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 ND 0.0500 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 98.9 % 70-130 08/15/22 08/16/22 96.0 % 70-130 08/15/22 08/16/22 mg/kg mg/kg Analyst: IY ND 20.0 1 08/15/22 08/16/22 96.0 % 70-130 08/15/22 08/16/22 96.0 % 70-130 08/15/22 08/16/22 104 % 70-130 08/15/22 08/16/22 mg/kg <



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

TH-5 0" E208073-18

		E2000/3-10					
Anglista	Result	Reporting Limit	Dilu	tion	Duomonod	Amalyzza	Notes
Analyte	Resuit	Limit	Dilu	liion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	Y		Batch: 2234017
Benzene	ND	0.0250	1	l	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	l	08/15/22	08/16/22	
Toluene	ND	0.0250	1	l	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	l	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	l	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	l	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		101 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		104 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	Y		Batch: 2234017
Gasoline Range Organics (C6-C10)	ND	20.0	1	[08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		101 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		104 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	īL		Batch: 2234004
Diesel Range Organics (C10-C28)	ND	25.0	1	1	08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	l	08/15/22	08/17/22	
Surrogate: n-Nonane		85.5 %	50-200		08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	RAS		Batch: 2234018
Chloride	ND	20.0	1		08/15/22	08/16/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

TH-5 2' E208073-19

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst:	ΙΥ		Batch: 2234017
Benzene	ND	0.0250	1		08/15/22	08/17/22	
Ethylbenzene	ND	0.0250	1		08/15/22	08/17/22	
Toluene	ND	0.0250	1		08/15/22	08/17/22	
o-Xylene	ND	0.0250	1		08/15/22	08/17/22	
p,m-Xylene	ND	0.0500	1		08/15/22	08/17/22	
Total Xylenes	ND	0.0250	1		08/15/22	08/17/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		08/15/22	08/17/22	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		08/15/22	08/17/22	
Surrogate: Toluene-d8		103 %	70-130		08/15/22	08/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst:	ΙΥ		Batch: 2234017
Gasoline Range Organics (C6-C10)	ND	20.0	1		08/15/22	08/17/22	
Surrogate: Bromofluorobenzene		98.4 %	70-130		08/15/22	08/17/22	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130		08/15/22	08/17/22	
Surrogate: Toluene-d8		103 %	70-130		08/15/22	08/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: .	IL		Batch: 2234004
Diesel Range Organics (C10-C28)	ND	25.0	1		08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1		08/15/22	08/17/22	
Surrogate: n-Nonane		79.5 %	50-200		08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst:	RAS		Batch: 2234018
		200	10		08/15/22	08/16/22	

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

TH-6 0" E208073-20

		E200073-20				
Apolyto	Result	Reporting Limit	Dilut	ion D		Notes
Analyte	Result	Limit	Dilut	ion Prepa	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2234017
Benzene	ND	0.0250	1	08/15	/22 08/17/22	
Ethylbenzene	ND	0.0250	1	08/15	/22 08/17/22	
Toluene	ND	0.0250	1	08/15	/22 08/17/22	
o-Xylene	ND	0.0250	1	08/15	/22 08/17/22	
p,m-Xylene	ND	0.0500	1	08/15	/22 08/17/22	
Total Xylenes	ND	0.0250	1	08/15	/22 08/17/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130	08/15	/22 08/17/22	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	08/15	/22 08/17/22	
Surrogate: Toluene-d8		104 %	70-130	08/15	/22 08/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2234017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15	/22 08/17/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130	08/15	/22 08/17/22	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	08/15	/22 08/17/22	
Surrogate: Toluene-d8		104 %	70-130	08/15	/22 08/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2234004
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15	/22 08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15	/22 08/17/22	
Surrogate: n-Nonane		87.1 %	50-200	08/15	/22 08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RAS		Batch: 2234018
Chloride	12500	400	20	08/15	/22 08/17/22	_



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

TH-6 2' E208073-21

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2234017
Benzene	ND	0.0250	1	08/15/22	08/17/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/17/22	
Toluene	ND	0.0250	1	08/15/22	08/17/22	
o-Xylene	ND	0.0250	1	08/15/22	08/17/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/17/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/17/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/15/22	08/17/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	08/15/22	08/17/22	
Surrogate: Toluene-d8		105 %	70-130	08/15/22	08/17/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2234017
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/17/22	
Surrogate: Bromofluorobenzene		100 %	70-130	08/15/22	08/17/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	08/15/22	08/17/22	
Surrogate: Toluene-d8		105 %	70-130	08/15/22	08/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL		Batch: 2234004
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/17/22	
Surrogate: n-Nonane		79.1 %	50-200	08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: RAS		Batch: 2234020
Chloride	214	200	10	08/15/22	08/18/22	



Tetra TechnologiesProject Name:Hayhurst Pad 10Reported:6121 Indian School Road, NEProject Number:21016-0002Albuquerque NM, 87110Project Manager:Greg Crabtree8/19/2022 2:19:12PM

Albuquerque NM, 87110		Project Manage	r: Gı	eg Crabtree				8	3/19/2022 2:19:12PM
	Vo	olatile Organ	ic Compo	unds by EP	A 82601	3			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2234017-BLK1)							Prepared: 08	8/15/22 An	alyzed: 08/16/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
LCS (2234017-BS1)							Prepared: 08	8/15/22 An	alyzed: 08/16/22
Benzene	2.48	0.0250	2.50		99.1	70-130			
Ethylbenzene	2.60	0.0250	2.50		104	70-130			
Toluene	2.51	0.0250	2.50		100	70-130			
o-Xylene	2.43	0.0250	2.50		97.1	70-130			
p,m-Xylene	4.80	0.0500	5.00		96.1	70-130			
Total Xylenes	7.23	0.0250	7.50		96.4	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
LCS Dup (2234017-BSD1)							Prepared: 08	8/15/22 An	alyzed: 08/16/22
Benzene	2.56	0.0250	2.50		102	70-130	3.08	23	
Ethylbenzene	2.63	0.0250	2.50		105	70-130	0.898	27	
Toluene	2.55	0.0250	2.50		102	70-130	1.52	24	
o-Xylene	2.47	0.0250	2.50		98.8	70-130	1.71	27	
p,m-Xylene	4.90	0.0500	5.00		97.9	70-130	1.88	27	
	7.37	0.0250	7.50		98.2	70-130	1.82	27	
Total Xylenes	1.31	0.0230	7.50		96.2	/0-130	1.02	21	

0.500

0.500

98.7

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.494

0.523

Tetra TechnologiesProject Name:Hayhurst Pad 10Reported:6121 Indian School Road, NEProject Number:21016-0002Albuquerque NM, 87110Project Manager:Greg Crabtree8/19/20222:19:12PM

Nonhalogenated	Organics by	EPA	.8015D -	GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2234017-BLK1)						Prepared: 08	3/15/22 Analyzed: 08/16	5/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.500		0.500	99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500	99.5	70-130			
Surrogate: Toluene-d8	0.525		0.500	105	70-130			
LCS (2234017-BS2)						Prepared: 08	8/15/22 Analyzed: 08/16	5/22
Gasoline Range Organics (C6-C10)	57.4	20.0	50.0	115	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500	100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500	93.5	70-130			
Surrogate: Toluene-d8	0.523		0.500	105	70-130			
LCS Dup (2234017-BSD2)						Prepared: 08	8/15/22 Analyzed: 08/16	5/22
Gasoline Range Organics (C6-C10)	56.3	20.0	50.0	113	70-130	2.10	20	
Surrogate: Bromofluorobenzene	0.500		0.500	99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500	95.9	70-130			
Surrogate: Toluene-d8	0.527		0.500	105	70-130			



Tetra TechnologiesProject Name:Hayhurst Pad 10Reported:6121 Indian School Road, NEProject Number:21016-0002Albuquerque NM, 87110Project Manager:Greg Crabtree8/19/20222:19:12PM

Albuquerque NM, 8/110		Project Manager	r: Gr	eg Crabtree				8/	19/2022 2:19:12PN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	ORO	_	_	Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2234004-BLK1)							Prepared: 0	8/15/22 Ana	yzed: 08/16/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	39.2		50.0		78.4	50-200			
LCS (2234004-BS1)							Prepared: 0	8/15/22 Ana	lyzed: 08/16/22
Diesel Range Organics (C10-C28)	220	25.0	250		88.1	38-132			
urrogate: n-Nonane	38.3		50.0		76.7	50-200			
Matrix Spike (2234004-MS1)				Source:	E208073-	11	Prepared: 0	8/15/22 Ana	lyzed: 08/16/22
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	38-132			
urrogate: n-Nonane	40.3		50.0		80.5	50-200			
Matrix Spike Dup (2234004-MSD1)				Source:	E208073-	11	Prepared: 0	8/15/22 Ana	lyzed: 08/16/22
Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.5	38-132	8.66	20	
'urrogate: n-Nonane	34.8		50.0		69.6	50-200			

Tetra Technologies 6121 Indian School Road, NE	Project Name: Project Number:	Hayhurst Pad 10 21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:19:12PM

		Anions	by EPA 3	00.0/9056 <i>A</i>	\		Analyst: RAS			
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2234018-BLK1)							Prepared: 0	8/15/22 Ana	alyzed: 08/16/22	
Chloride	ND	20.0								
LCS (2234018-BS1)							Prepared: 0	8/15/22 Ana	alyzed: 08/16/22	
Chloride	250	20.0	250		100	90-110				
Matrix Spike (2234018-MS1)				Source:	E208073-	01	Prepared: 0	8/15/22 Ana	alyzed: 08/16/22	
Chloride	255	20.0	250	ND	102	80-120				
Matrix Spike Dup (2234018-MSD1)				Source:	E208073-	01	Prepared: 0	8/15/22 Ana	alyzed: 08/16/22	
Chloride	254	20.0	250	ND	102	80-120	0.0904	20		



Tetra Technologies 6121 Indian School Road, NE		Project Name: Project Number:	2	Tayhurst Pad 10 1016-0002					Reported:
Albuquerque NM, 87110		Project Manager:	G	reg Crabtree					8/19/2022 2:19:12PM
		Anions	by EPA	300.0/9056A					Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2234020-BLK1)							Prepared: 0	8/15/22 A	nalyzed: 08/17/22
Chloride	ND	20.0							
LCS (2234020-BS1)							Prepared: 0	8/15/22 A	nalyzed: 08/17/22
Chloride	245	20.0	250		97.9	90-110			
Matrix Spike (2234020-MS1)				Source: 1	E 208073 -	21	Prepared: 0	8/15/22 A	nalyzed: 08/18/22
Chloride	477	200	250	214	105	80-120			
Matrix Spike Dup (2234020-MSD1)				Source: 1	E 208073 -	21	Prepared: 0	8/15/22 A	nalyzed: 08/18/22
Chloride	564	200	250	214	140	80-120	16.6	20	M2

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

ſ	Tetra Technologies	Project Name:	Hayhurst Pad 10	
l	6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
١	Albuquerque NM, 87110	Project Manager:	Greg Crabtree	08/19/22 14:19

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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(field samp	ler), attest to the	validity and a	authenticity	of this sample	. I am aware	that tampering with or intentiona	ally mislabelling th	e sample loca	tion, da	te or tin	ne of		Samples	requiring	hermal pr	eservation	must be rec	ceived on	ice the day th	ey are sample	d or re
ollection is o	considered fraud a	and may be g	grounds for l	egal action.		Sampled by:	K. SANC	HEZ					packed in	ice at an	avg temp	above 0 bu	t less than (6 °C on su	bsequent day:	5.	
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Page 88 of 146

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envirotech Inc.

Printed: 8/15/2022 9:31:20AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tetra Technologies	Date Received:	08/12/22	15:01	Work Order ID:	E208073
Phone:	(505)881-3188		08/12/22		Logged In By:	Caitlin Christian
Email:	gcrabtree@envirotech-inc.com	Date Logged In: Due Date:		17:00 (5 day TAT)	Logged III by.	Catum Christian
Eman.	geratore (gent trotter) inc.com	Due Dute.	00/19/22	17.00 (3 day 1711)		
Chain of	Custody (COC)					
1. Does th	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location mat	ch the COC	Yes			
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: K	Choleton Sanchez	
4. Was the	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	_		
5. Were a	Il samples received within holding time?		Yes			
	Note: Analysis, such as pH which should be conducted in				Comment	ts/Resolution
Cample T	i.e, 15 minute hold time, are not included in this disucssic	on.		ı	Comment	<u>5,110501411011</u>
	Conduction (Conduction of the Conduction of the		Yes		Project has been seperar	ted into 3 reports
	· •		103		due to amount of sampl	•
Sample C	sample cooler received?		Yes		-	cs. Workdracis are
	was cooler received in good condition?		Yes		as follows:	44
•	e sample(s) received intact, i.e., not broken?				E208073 COC pg 1&2	
	* ``		Yes		pg 3&4 of 6, E208075 (COC pg 5&6 of 6.
	custody/security seals present? , were custody/security seals intact?		No			
•	•		NA			
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are		Yes			
13. If no v	minutes of sampling visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>			
Sample C	<u>Container</u>					
14. Are a	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers?	•	Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Field Lab						
	field sample labels filled out with the minimum info	rmation:	37			
	ample ID? ate/Time Collected?		Yes			
	ollectors name?		Yes Yes			
Sample P	reservation		103			
21. Does	the COC or field labels indicate the samples were pr	eserved?	No			
22. Are sa	ample(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved m	etals?	No			
<u>Mul</u> tipha	se Sample Matrix					
	the sample have more than one phase, i.e., multiphas	se?	No			
	, does the COC specify which phase(s) is to be analy		NA			
	ract Laboratory					
	amples required to get sent to a subcontract laborator	ry?	No			
	subcontract laboratory specified by the client and if	•	NA	Subcontract Lab	ı' na	
	struction			Subcontract Luc	. 114	
Chem ii	isti uction					

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Greg Crabtree





5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Tetra Technologies

Project Name: Hayhurst Pad 10

Work Order: E208074

Job Number: 21016-0002

Received: 8/12/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/19/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 8/19/22

Greg Crabtree 6121 Indian School Road, NE Albuquerque, NM 87110

Project Name: Hayhurst Pad 10

Workorder: E208074

Date Received: 8/12/2022 3:01:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/12/2022 3:01:00PM, under the Project Name: Hayhurst Pad 10.

The analytical test results summarized in this report with the Project Name: Hayhurst Pad 10 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Sample Summary

Γ	Tetra Technologies	Project Name:	Hayhurst Pad 10	ъ
l	6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
l	Albuquerque NM, 87110	Project Manager:	Greg Crabtree	08/19/22 09:07

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TH-7 0"	E208074-01A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-7 4"	E208074-02A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-8 0"	E208074-03A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-8 10"	E208074-04A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-9 0"	E208074-05A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-9 2'	E208074-06A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-10 0"	E208074-07A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-10 4'	E208074-08A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-11 0"	E208074-09A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-11 2'	E208074-10A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-12 0"	E208074-11A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-12 2'	E208074-12A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-13 0"	E208074-13A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-13 2'	E208074-14A	Soil	08/10/22	08/12/22	Glass Jar, 2 oz.
TH-14 0"	E208074-15A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-14 2'	E208074-16A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-15 2'	E208074-17A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-15 4'	E208074-18A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-16 0"	E208074-19A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-16 2'	E208074-20A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.



Tetra Technologies	Project N	ame: Hayhurst Pad 1	0
6121 Indian School Road,	NE Project N	umber: 21016-0002	Reported:
Albuquerque NM, 87110	Project M	Ianager: Greg Crabtree	8/19/2022 9:07:23AM

TH-7 0" E208074-01

	E2000/4-01					
		D				
Result	Limit	Dilut	ion Prej	pared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: IY			Batch: 2234016
ND	0.0250	1	08/1	15/22	08/16/22	
ND	0.0250	1	08/1	15/22	08/16/22	
ND	0.0250	1	08/1	15/22	08/16/22	
ND	0.0250	1	08/1	15/22	08/16/22	
ND	0.0500	1	08/1	15/22	08/16/22	
ND	0.0250	1	08/1	15/22	08/16/22	
	95.6 %	70-130	08/	15/22	08/16/22	
	95.2 %	70-130	08/	15/22	08/16/22	
	100 %	70-130	08/	15/22	08/16/22	
mg/kg	mg/kg	Α	Analyst: IY			Batch: 2234016
ND	20.0	1	08/1	15/22	08/16/22	
	95.6 %	70-130	08/	15/22	08/16/22	
	95.2 %	70-130	08/	15/22	08/16/22	
	100 %	70-130	08/	15/22	08/16/22	
mg/kg	mg/kg	A	Analyst: JL			Batch: 2234003
ND	25.0	1	08/1	15/22	08/16/22	
ND	50.0	1	08/1	15/22	08/16/22	
	77.8 %	50-200	08/1	15/22	08/16/22	
mg/kg	mg/kg	Α	Analyst: RAS			Batch: 2234019
7500	200	10	08/1	15/22	08/17/22	
	ND Mg/kg ND Mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 95.6 % 95.2 % 100 % 100 % mg/kg mg/kg ND 20.0 95.6 % 95.2 % 100 % 100 % mg/kg mg/kg ND 25.0 ND 50.0 77.8 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilut mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 95.6 % 70-130 95.2 % 70-130 100 % 70-130 95.6 % 70-130 95.2 % 70-130 95.2 % 70-130 100 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 1 77.8 % 50-200 mg/kg mg/kg	Reporting Result Limit Dilution Preporting mg/kg mg/kg Analyst: IY ND 0.0250 1 08/1 ND 0.0250 1 08/1 ND 0.0250 1 08/1 ND 0.0250 1 08/1 ND 0.0500 1 08/1 ND 0.0250 1 08/1 95.6 % 70-130 08/1 95.2 % 70-130 08/1 100 % 70-130 08/1 95.6 % 70-130 08/1 95.6 % 70-130 08/1 95.2 % 70-130 08/1 100 % 70-130 08/1 95.2 % 70-130 08/1 100 % 70-130 08/1 ND 25.0 1 08/1 ND 50.0 1 08/1 ND 50.0 1 08/1 ND 50-	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0500 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 95.6 % 70-130 08/15/22 95.2 % 70-130 08/15/22 mg/kg mg/kg Analyst: IY ND 20.0 1 08/15/22 95.6 % 70-130 08/15/22 95.6 % 70-130 08/15/22 95.6 % 70-130 08/15/22 100 % 70-130 08/15/22 mg/kg mg/kg Analyst: JL ND 25.0 1 08/15/22 ND 50.0 1 08/15/22 ND 50.0	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15/22 08/16/22 ND 0.0500 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 95.6 % 70-130 08/15/22 08/16/22 95.2 % 70-130 08/15/22 08/16/22 mg/kg mg/kg Analyst: IV ND 20.0 1 08/15/22 08/16/22 95.6 % 70-130 08/15/22 08/16/22 95.2 % 70-130 08/15/22 08/16/22 mg/kg mg/kg Analyst: JL



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-7 4" E208074-02

D 1						
Result	Limit	Dilt	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analys	t: IY		Batch: 2234016
ND	0.0250		1	08/15/22	08/16/22	
ND	0.0250		1	08/15/22	08/16/22	
ND	0.0250		1	08/15/22	08/16/22	
ND	0.0250		1	08/15/22	08/16/22	
ND	0.0500		1	08/15/22	08/16/22	
ND	0.0250		1	08/15/22	08/16/22	
	95.4 %	70-130		08/15/22	08/16/22	
	94.7 %	70-130		08/15/22	08/16/22	
	97.7 %	70-130		08/15/22	08/16/22	
mg/kg	mg/kg		Analys	t: IY		Batch: 2234016
ND	20.0		1	08/15/22	08/16/22	
	95.4 %	70-130		08/15/22	08/16/22	
	94.7 %	70-130		08/15/22	08/16/22	
	97.7 %	70-130		08/15/22	08/16/22	
mg/kg	mg/kg		Analys	t: JL		Batch: 2234003
ND	25.0		1	08/15/22	08/16/22	
ND	50.0	:	1	08/15/22	08/16/22	
	77.4 %	50-200		08/15/22	08/16/22	
mg/kg	mg/kg		Analys	t: RAS		Batch: 2234019
ND	200	1	0	08/15/22	08/17/22	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 95.4 % 94.7 % 97.7 % mg/kg mg/kg ND 20.0 95.4 % 94.7 % 97.7 % mg/kg MD 25.0 ND 50.0 77.4 % mg/kg mg/kg mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 95.4 % 70-130 94.7 % 70-130 97.7 % 70-130 mg/kg mg/kg ND 20.0 95.4 % 70-130 94.7 % 70-130 97.7 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 77.4 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analys ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 95.4 % 70-130 97.7 % 70-130 mg/kg mg/kg Analys ND 20.0 1 95.4 % 70-130 94.7 % 97.7 % 70-130 97.7 % mg/kg mg/kg Analys ND 25.0 1 ND 50.0 1 77.4 % 50-200 mg/kg mg/kg Analys	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0500 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 95.4 % 70-130 08/15/22 97.7 % 70-130 08/15/22 mg/kg mg/kg Analyst: IY ND 20.0 1 08/15/22 97.7 % 70-130 08/15/22 97.7 % 70-130 08/15/22 97.7 % 70-130 08/15/22 mg/kg mg/kg Analyst: JL ND 25.0 1 08/15/22 ND 50.0 1 08/15/22 77.4 % 50-200 08/15/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 ND 0.0500 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 95.4 % 70-130 08/15/22 08/16/22 94.7 % 70-130 08/15/22 08/16/22 mg/kg mg/kg Analyst: IY ND 20.0 1 08/15/22 08/16/22 94.7 % 70-130 08/15/22 08/16/22 97.7 % 70-130 08/15/22 08/16/22 mg/kg mg/kg Analyst: JL ND 50.0 1<

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-8 0" E208074-03

	D 1:	Reporting	D.7.	ъ .		N
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2234016
Benzene	ND	0.0250	1	08/15/22	08/18/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/18/22	
Toluene	ND	0.0250	1	08/15/22	08/18/22	
o-Xylene	ND	0.0250	1	08/15/22	08/18/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/18/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/18/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130	08/15/22	08/18/22	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	08/15/22	08/18/22	
Surrogate: Toluene-d8		96.0 %	70-130	08/15/22	08/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/18/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130	08/15/22	08/18/22	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	08/15/22	08/18/22	
Surrogate: Toluene-d8		96.0 %	70-130	08/15/22	08/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2234003
Diesel Range Organics (C10-C28)	27.1	25.0	1	08/15/22	08/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/16/22	
Surrogate: n-Nonane		72.0 %	50-200	08/15/22	08/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2234019
Chloride	47600	1000	50	08/15/22	08/17/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-8 10'' E208074-04

		E2000/4-04					
Andre	D14	Reporting			D 1	A a la a . l	Notes
Analyte	Result	Limit	Dilt	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2234016
Benzene	ND	0.0250		1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250		1	08/15/22	08/16/22	
Toluene	ND	0.0250		1	08/15/22	08/16/22	
o-Xylene	ND	0.0250		1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500		1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250		1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		97.7 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		97.3 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		97.7 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2234003
Diesel Range Organics (C10-C28)	ND	25.0		1	08/15/22	08/16/22	_
Oil Range Organics (C28-C36)	ND	50.0		1	08/15/22	08/16/22	
Surrogate: n-Nonane		71.1 %	50-200		08/15/22	08/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2234019
Chloride	7580	100		5	08/15/22	08/17/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-9 0" E208074-05

		E200074-03				
Analyta	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Analyte	Resuit	Liinit	Diluti	on rrepared	Ananyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2234016
Benzene	ND	0.0250	1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/16/22	
Toluene	ND	0.0250	1	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		99.0 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		96.8 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		99.0 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2234003
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/16/22	
Surrogate: n-Nonane		74.0 %	50-200	08/15/22	08/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2234019
Chloride	12100	1000	50	08/15/22	08/17/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-9 2' E208074-06

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2234016
Benzene	ND	0.0250	1	l	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	Į.	08/15/22	08/16/22	
Toluene	ND	0.0250	1	l.	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	ļ.	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	ļ.	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1		08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		95.4 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		95.4 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2234003
Diesel Range Organics (C10-C28)	ND	25.0	1		08/15/22	08/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1		08/15/22	08/16/22	
Surrogate: n-Nonane		80.1 %	50-200		08/15/22	08/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RA	.S		Batch: 2234019
Amons by ETA 300:0/7030A	0 0	8 8					

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-10 0'' E208074-07

	D 1	Reporting			D 1		N
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2234016
Benzene	ND	0.0250	1		08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1		08/15/22	08/16/22	
Toluene	ND	0.0250	1		08/15/22	08/16/22	
o-Xylene	ND	0.0250	1		08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1		08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		97.1 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0	1		08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		95.9 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		97.1 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2234003
Diesel Range Organics (C10-C28)	ND	25.0	1		08/15/22	08/16/22	_
Oil Range Organics (C28-C36)	ND	50.0	1		08/15/22	08/16/22	
Surrogate: n-Nonane		79.4 %	50-200		08/15/22	08/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: RA	S		Batch: 2234019
Chloride	8460	400	20)	08/15/22	08/17/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-10 4' E208074-08

		E2000/4-00				
Aughto	Result	Reporting Limit	Dilutio	Duomono 1	Amalyzzad	Notes
Analyte	Kesuit	Limit	Dilutio	on Prepared	Analyzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	nalyst: IY		Batch: 2234016
Benzene	ND	0.0250	1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/16/22	
Toluene	ND	0.0250	1	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		93.0 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		95.9 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: IY		Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		93.0 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		95.9 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	aalyst: JL		Batch: 2234003
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/16/22	
Surrogate: n-Nonane		75.9 %	50-200	08/15/22	08/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: RAS		Batch: 2234019
Chloride	ND	200	10	08/15/22	08/17/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-11 0" E208074-09

Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Allaryte				1	Allalyzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	alyst: IY		Batch: 2234016
Benzene	ND	0.0250	1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/16/22	
Toluene	ND	0.0250	1	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		99.6 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		99.9 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		99.6 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		99.9 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2234003
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/17/22	
Surrogate: n-Nonane		72.2 %	50-200	08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2234019
Chloride	12700	400	20	08/15/22	08/17/22	

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-11 2' E208074-10

Anglista	Result	Reporting Limit	Dilu	tion	Prepared	Amalyzad	Notes
Analyte	Resuit	Limit	Dilu	lion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst:	IY		Batch: 2234016
Benzene	ND	0.0250	1		08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1		08/15/22	08/16/22	
Toluene	ND	0.0250	1		08/15/22	08/16/22	
o-Xylene	ND	0.0250	1		08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1		08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1		08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		97.3 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	IY		Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0	1		08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		97.2 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		97.3 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst:	JL		Batch: 2234003
Diesel Range Organics (C10-C28)	ND	25.0	1		08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1		08/15/22	08/17/22	
Surrogate: n-Nonane		85.0 %	50-200		08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	RAS		Batch: 2234019
Chloride	472	200	10	0	08/15/22	08/17/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-12 0" E208074-11

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2234016
Benzene	ND	0.0250		1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250		1	08/15/22	08/16/22	
Toluene	ND	0.0250		1	08/15/22	08/16/22	
o-Xylene	ND	0.0250]	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500]	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		98.2 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		98.2 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2234003
Diesel Range Organics (C10-C28)	ND	25.0		1	08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	:	1	08/15/22	08/17/22	
Surrogate: n-Nonane		80.1 %	50-200	·	08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2234019
Chloride	8510	200	1	.0	08/15/22	08/17/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-12 2' E208074-12

Aughto	Result	Reporting Limit	Dilut	tion	Prepared	Analyzed	Notes
Analyte	Result	Lillit	Dilu	tion	rrepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: I	Y		Batch: 2234016
Benzene	ND	0.0250	1		08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1		08/15/22	08/16/22	
Toluene	ND	0.0250	1		08/15/22	08/16/22	
o-Xylene	ND	0.0250	1		08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1		08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1		08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		93.6 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		97.6 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: Г	Y		Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0	1		08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		93.6 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		97.6 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: J	L		Batch: 2234003
Diesel Range Organics (C10-C28)	ND	25.0	1		08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1		08/15/22	08/17/22	
Surrogate: n-Nonane		79.1 %	50-200		08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: F	RAS		Batch: 2234019
Chloride	1010	200	10	0	08/15/22	08/17/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-13 0" E208074-13

		11200071110				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Allaryte	Result	Liiiit			Allalyzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2234016
Benzene	ND	0.0250	1	08/15/22	08/18/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/18/22	
Toluene	ND	0.0250	1	08/15/22	08/18/22	
o-Xylene	ND	0.0250	1	08/15/22	08/18/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/18/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/18/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130	08/15/22	08/18/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	08/15/22	08/18/22	
Surrogate: Toluene-d8		104 %	70-130	08/15/22	08/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/18/22	
Surrogate: Bromofluorobenzene		97.8 %	70-130	08/15/22	08/18/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130	08/15/22	08/18/22	
Surrogate: Toluene-d8		104 %	70-130	08/15/22	08/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2234003
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/17/22	
Surrogate: n-Nonane		81.4 %	50-200	08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2234019
Chloride	8850	400	20	08/15/22	08/17/22	
C.III						



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-13 2' E208074-14

		E2000/4-14					
	D. Iv	Reporting	Р."		D 1		N
Analyte	Result	Limit	Dili	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2234016
Benzene	ND	0.0250		1	08/15/22	08/18/22	
Ethylbenzene	ND	0.0250		1	08/15/22	08/18/22	
Toluene	ND	0.0250		1	08/15/22	08/18/22	
o-Xylene	ND	0.0250		1	08/15/22	08/18/22	
p,m-Xylene	ND	0.0500		1	08/15/22	08/18/22	
Total Xylenes	ND	0.0250		1	08/15/22	08/18/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130		08/15/22	08/18/22	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		08/15/22	08/18/22	
Surrogate: Toluene-d8		105 %	70-130		08/15/22	08/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/15/22	08/18/22	
Surrogate: Bromofluorobenzene		99.5 %	70-130		08/15/22	08/18/22	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		08/15/22	08/18/22	
Surrogate: Toluene-d8		105 %	70-130		08/15/22	08/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg		Analyst: JL			Batch: 2234003
Diesel Range Organics (C10-C28)	ND	25.0		1	08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/15/22	08/17/22	
Surrogate: n-Nonane		83.2 %	50-200		08/15/22	08/17/22	
Anions by EPA 300.0/9056A		mg/kg		Analyst	: RAS		Batch: 2234019
Chloride	499	20.0	_	1	08/15/22	08/17/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-14 0" E208074-15

	E2000/4-13				
	Reporting				
Result	Limit	Dilut	tion Prepa	ared Analyzed	Notes
mg/kg	mg/kg	A	Analyst: IY		Batch: 2234016
ND	0.0250	1	08/15	5/22 08/18/22	
ND	0.0250	1	08/15	5/22 08/18/22	
ND	0.0250	1	08/15	5/22 08/18/22	
ND	0.0250	1	08/15	5/22 08/18/22	
ND	0.0500	1	08/15	5/22 08/18/22	
ND	0.0250	1	08/15	5/22 08/18/22	
	98.6 %	70-130	08/15	5/22 08/18/22	
	94.6 %	70-130	08/15	5/22 08/18/22	
	104 %	70-130	08/15	5/22 08/18/22	
mg/kg	mg/kg	A	Analyst: IY		Batch: 2234016
ND	20.0	1	08/15	5/22 08/18/22	
	98.6 %	70-130	08/15	5/22 08/18/22	
	94.6 %	70-130	08/15	5/22 08/18/22	
	104 %	70-130	08/15	5/22 08/18/22	
mg/kg	mg/kg	A	Analyst: JL		Batch: 2234003
ND	25.0	1	08/15	5/22 08/17/22	
ND	50.0	1	08/15	5/22 08/17/22	
	82.8 %	50-200	08/15	5/22 08/17/22	
mg/kg	mg/kg	A	Analyst: RAS		Batch: 2234019
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 P8.6 % 94.6 % 104 % mg/kg mg/kg ND 20.0 98.6 % 94.6 % 104 % mg/kg mg/kg ND 25.0 ND 25.0 ND 50.0	Reporting Result Limit Dilute mg/kg mg/kg mg/kg ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 98.6 % 70-130 70-130 94.6 % 70-130 1 98.6 % 70-130 1 98.6 % 70-130 1 98.6 % 70-130 1 98.6 % 70-130 1 98.6 % 70-130 1 98.6 % 70-130 1 98.6 % 70-130 1 98.6 % 70-130 1 98.6 % 70-130 1 98.6 % 70-130 1 98.6 % 70-130 1 98.6 % 70-130 1 98.6 % 70-130 1	Reporting Result Limit Dilution Preparation mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15 ND 0.0250 1 08/15 ND 0.0250 1 08/15 ND 0.0500 1 08/15 ND 0.0250 1 08/15 ND 0.0250 1 08/15 98.6 % 70-130 08/15 94.6 % 70-130 08/15 104 % 70-130 08/15 ND 20.0 1 08/15 94.6 % 70-130 08/15 104 % 70-130 08/15 104 % 70-130 08/15 ND 25.0 1 08/15 ND 25.0 1 08/15 ND 50.0 1 08/15 ND 50.0 1 08/15	Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND Analyst: IY ND 0.0250 1 08/15/22 08/18/22 ND 0.0250 1 08/15/22 08/18/22 ND 0.0250 1 08/15/22 08/18/22 ND 0.0500 1 08/15/22 08/18/22 ND 0.0250 1 08/15/22 08/18/22 ND 0.0250 1 08/15/22 08/18/22 ND 0.0250 1 08/15/22 08/18/22 98.6 % 70-130 08/15/22 08/18/22 94.6 % 70-130 08/15/22 08/18/22 mg/kg mg/kg Analyst: IY ND 20.0 1 08/15/22 08/18/22 94.6 % 70-130 08/15/22 08/18/22 94.6 % 70-130 08/15/22 08/18/22 104 %



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-14 2' E208074-16

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst:	IY		Batch: 2234016
Benzene	ND	0.0250	1		08/15/22	08/18/22	
Ethylbenzene	ND	0.0250	1		08/15/22	08/18/22	
Toluene	ND	0.0250	1		08/15/22	08/18/22	
o-Xylene	ND	0.0250	1		08/15/22	08/18/22	
p,m-Xylene	ND	0.0500	1		08/15/22	08/18/22	
Total Xylenes	ND	0.0250	1		08/15/22	08/18/22	
Surrogate: Bromofluorobenzene		99.6 %	70-130		08/15/22	08/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		08/15/22	08/18/22	
Surrogate: Toluene-d8		107 %	70-130		08/15/22	08/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	IY		Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0	1		08/15/22	08/18/22	
Surrogate: Bromofluorobenzene		99.6 %	70-130		08/15/22	08/18/22	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		08/15/22	08/18/22	
Surrogate: Toluene-d8		107 %	70-130		08/15/22	08/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst:	JL		Batch: 2234003
Diesel Range Organics (C10-C28)	ND	25.0	1		08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1		08/15/22	08/17/22	
Surrogate: n-Nonane		86.1 %	50-200		08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	RAS		Batch: 2234019
Chloride	12400	400	20)	08/15/22	08/17/22	

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-15 2' E208074-17

		E2000/4-1/					
	D. I.	Reporting			D 1		N
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2234016
Benzene	ND	0.0250	1	1	08/15/22	08/18/22	
Ethylbenzene	ND	0.0250	1	1	08/15/22	08/18/22	
Toluene	ND	0.0250	1	1	08/15/22	08/18/22	
o-Xylene	ND	0.0250	1	1	08/15/22	08/18/22	
p,m-Xylene	ND	0.0500	1	1	08/15/22	08/18/22	
Total Xylenes	ND	0.0250	1	1	08/15/22	08/18/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130		08/15/22	08/18/22	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		08/15/22	08/18/22	
Surrogate: Toluene-d8		100 %	70-130		08/15/22	08/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	08/15/22	08/18/22	
Surrogate: Bromofluorobenzene		97.1 %	70-130		08/15/22	08/18/22	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		08/15/22	08/18/22	
Surrogate: Toluene-d8		100 %	70-130		08/15/22	08/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2234003
Diesel Range Organics (C10-C28)	ND	25.0	1	1	08/15/22	08/17/22	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	08/15/22	08/17/22	
Surrogate: n-Nonane		79.8 %	50-200		08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2234019
Chloride	1500	20.0	1	1	08/15/22	08/17/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-15 4' E208074-18

Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	:: IY		Batch: 2234016
ND	0.0250		1	08/15/22	08/18/22	
ND	0.0250		1	08/15/22	08/18/22	
ND	0.0250		1	08/15/22	08/18/22	
ND	0.0250		1	08/15/22	08/18/22	
ND	0.0500		1	08/15/22	08/18/22	
ND	0.0250		1	08/15/22	08/18/22	
	97.5 %	70-130		08/15/22	08/18/22	
	97.7 %	70-130		08/15/22	08/18/22	
	99.2 %	70-130		08/15/22	08/18/22	
mg/kg	mg/kg Analyst: IY			Batch: 2234016		
ND	20.0		1	08/15/22	08/18/22	
	97.5 %	70-130		08/15/22	08/18/22	
	97.7 %	70-130		08/15/22	08/18/22	
	99.2 %	70-130		08/15/22	08/18/22	
mg/kg	mg/kg		Analyst	:: JL		Batch: 2234003
ND	25.0		1	08/15/22	08/17/22	
ND	50.0		1	08/15/22	08/17/22	
	81.7 %	50-200		08/15/22	08/17/22	
mg/kg	mg/kg		Analyst	:: RAS		Batch: 2234019
518	20.0		1	08/15/22	08/17/22	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 97.5 % 97.7 % 99.2 % mg/kg ND 20.0 97.5 % 97.7 % 99.2 % mg/kg MD 25.0 ND 50.0 81.7 % mg/kg mg/kg mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 97.5 % 70-130 97.7 % 70-130 99.2 % 70-130 mg/kg mg/kg ND 20.0 97.5 % 70-130 99.2 % 70-130 99.2 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 81.7 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 97.5 % 70-130 99.2 % 70-130 mg/kg mg/kg Analyst ND 20.0 1 97.5 % 70-130 99.2 % 99.2 % 70-130 99.2 % mg/kg mg/kg Analyst ND 25.0 1 ND 50.0 1 81.7 % 50-200 mg/kg Mg/kg Analyst	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0500 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 97.5 % 70-130 08/15/22 97.7 % 70-130 08/15/22 99.2 % 70-130 08/15/22 97.5 % 70-130 08/15/22 97.7 % 70-130 08/15/22 99.2 % 70-130 08/15/22 99.2 % 70-130 08/15/22 99.2 % 70-130 08/15/22 Mg/kg Mg/kg Analyst: JL ND 25.0 1 08/15/22 ND 50.0 1 08/15/22 Mg/k	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15/22 08/18/22 ND 0.0250 1 08/15/22 08/18/22 08/18/22 ND 0.0250 1 08/15/22 08/18/22 ND 0.0250 1 08/15/22 08/18/22 ND 0.0500 1 08/15/22 08/18/22 ND 0.0250 1 08/15/22 08/18/22 97.5 % 70-130 08/15/22 08/18/22 97.7 % 70-130 08/15/22 08/18/22 mg/kg mg/kg Analyst: IY ND 20.0 1 08/15/22 08/18/22 97.5 % 70-130 08/15/22 08/18/22 97.7 % 70-130 08/15/22 08/18/22 97.7 % 70-130 08/15/22 08/18/22 99.2 % 70-130 08/15/22 08/18/22 08/15/22 08/18/22

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-16 0" E208074-19

	D 1	Reporting	ъ.,				N.
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2234016
Benzene	ND	0.0250		1	08/15/22	08/18/22	
Ethylbenzene	ND	0.0250		1	08/15/22	08/18/22	
Toluene	ND	0.0250		1	08/15/22	08/18/22	
o-Xylene	ND	0.0250		1	08/15/22	08/18/22	
p,m-Xylene	ND	0.0500		1	08/15/22	08/18/22	
Total Xylenes	ND	0.0250		1	08/15/22	08/18/22	
Surrogate: Bromofluorobenzene		96.2 %	70-130		08/15/22	08/18/22	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		08/15/22	08/18/22	
Surrogate: Toluene-d8		96.0 %	70-130		08/15/22	08/18/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2234016
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	08/15/22	08/18/22	
Surrogate: Bromofluorobenzene		96.2 %	70-130		08/15/22	08/18/22	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		08/15/22	08/18/22	
Surrogate: Toluene-d8		96.0 %	70-130		08/15/22	08/18/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2234003
Diesel Range Organics (C10-C28)	ND	25.0		1	08/15/22	08/17/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/15/22	08/17/22	
Surrogate: n-Nonane		83.9 %	50-200		08/15/22	08/17/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2234019
Chloride	7200	100		5	08/15/22	08/17/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 9:07:23AM

TH-16 2' E208074-20

Dogult			ıti om	Duomonod	Amalayzad	Notes
Kesuit	Limit	Dilu	шоп	Prepared	Anaiyzed	inotes
mg/kg	mg/kg		Analyst:	IY		Batch: 2234016
ND	0.0250	1	1	08/15/22	08/18/22	
ND	0.0250	1	1	08/15/22	08/18/22	
ND	0.0250	1	1	08/15/22	08/18/22	
ND	0.0250	1	1	08/15/22	08/18/22	
ND	0.0500	1	1	08/15/22	08/18/22	
ND	0.0250	1	1	08/15/22	08/18/22	
	97.6 %	70-130		08/15/22	08/18/22	
	99.6 %	70-130		08/15/22	08/18/22	
	100 %	70-130		08/15/22	08/18/22	
mg/kg	mg/kg		Analyst:	IY		Batch: 2234016
ND	20.0	1	l	08/15/22	08/18/22	
	97.6 %	70-130		08/15/22	08/18/22	
	99.6 %	70-130		08/15/22	08/18/22	
	100 %	70-130		08/15/22	08/18/22	
mg/kg	mg/kg		Analyst:	JL		Batch: 2234003
ND	25.0	1	1	08/15/22	08/17/22	
ND	50.0	1	l	08/15/22	08/17/22	
	83.0 %	50-200		08/15/22	08/17/22	
mg/kg	mg/kg		Analyst:	RAS		Batch: 2234019
264	200	1	0	08/15/22	08/17/22	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 97.6 % 99.6 % 100 % 100 % mg/kg mg/kg ND 20.0 97.6 % 99.6 % 100 % 100 % mg/kg mg/kg ND 25.0 ND 50.0 83.0 % mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 97.6 % 70-130 99.6 % 70-130 100 % 70-130 mg/kg mg/kg ND 20.0 97.6 % 70-130 99.6 % 70-130 100 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 83.0 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 97.6 % 70-130 99.6 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 97.6 % 70-130 1 99.6 % 70-130 1 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 83.0 % 50-200 mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0500 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 97.6 % 70-130 08/15/22 99.6 % 70-130 08/15/22 100 % 70-130 08/15/22 99.6 % 70-130 08/15/22 99.6 % 70-130 08/15/22 100 % 70-130 08/15/22 100 % 70-130 08/15/22 100 % 70-130 08/15/22 ND 25.0 1 08/15/22 ND 50.0 1 08/15/22 ND 50.0 1 08/15/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15/22 08/18/22 ND 0.0500 1 08/15/22 08/18/22 ND 0.0250 1 08/15/22 08/18/22 ND 0.0250 1 08/15/22 08/18/22 97.6 % 70-130 08/15/22 08/18/22 99.6 % 70-130 08/15/22 08/18/22 mg/kg mg/kg Analyst: IY ND 20.0 1 08/15/22 08/18/22 99.6 % 70-130 08/15/22 08/18/22 99.6 % 70-130 08/15/22 08/18/22 100 % 70-130 08/15/22 08/18/22 mg/kg mg/k



Tetra TechnologiesProject Name:Hayhurst Pad 10Reported:6121 Indian School Road, NEProject Number:21016-0002Albuquerque NM, 87110Project Manager:Greg Crabtree8/19/20229:07:23AM

Albuquerque NM, 87110		Project Manage	r: Gr	eg Crabtree				8/	/19/2022 9:07:23AN
	Vo	olatile Organ	ic Compo	ınds by EP	A 82601	3			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2234016-BLK1)						1	Prepared: 0	8/15/22 Ana	alyzed: 08/16/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.483		0.500		96.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.1	70-130			
LCS (2234016-BS1)]	Prepared: 08	8/15/22 Ana	alyzed: 08/16/22
Benzene	2.41	0.0250	2.50		96.5	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.43	0.0250	2.50		97.3	70-130			
p-Xylene	2.64	0.0250	2.50		106	70-130			
o,m-Xylene	5.15	0.0500	5.00		103	70-130			
Total Xylenes	7.79	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			
LCS Dup (2234016-BSD1)						1	Prepared: 0	8/15/22 Ana	alyzed: 08/16/22
Benzene	2.40	0.0250	2.50		96.2	70-130	0.394	23	
Ethylbenzene	2.59	0.0250	2.50		104	70-130	0.445	27	
Toluene	2.44	0.0250	2.50		97.4	70-130	0.123	24	
p-Xylene	2.66	0.0250	2.50		106	70-130	0.642	27	
o,m-Xylene	5.19	0.0500	5.00		104	70-130	0.774	27	
Total Xylenes	7.85	0.0250	7.50		105	70-130	0.729	27	
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			

0.500

102

70-130



Surrogate: Toluene-d8

0.508

Tetra TechnologiesProject Name:Hayhurst Pad 10Reported:6121 Indian School Road, NEProject Number:21016-0002Albuquerque NM, 87110Project Manager:Greg Crabtree8/19/20229:07:23AM

Nonhalogenated	Organics	by EPA	8015D -	GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2234016-BLK1)						Prepared: 08	3/15/22 Analyzed: 0	8/16/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.483		0.500	96.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500	95.7	70-130			
Surrogate: Toluene-d8	0.496		0.500	99.1	70-130			
LCS (2234016-BS2)						Prepared: 08	3/15/22 Analyzed: 0	8/16/22
Gasoline Range Organics (C6-C10)	44.7	20.0	50.0	89.4	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500	97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500	94.6	70-130			
Surrogate: Toluene-d8	0.505		0.500	101	70-130			
LCS Dup (2234016-BSD2)						Prepared: 08	3/15/22 Analyzed: 0	8/16/22
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	91.4	70-130	2.15	20	
Surrogate: Bromofluorobenzene	0.491		0.500	98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500	92.7	70-130			
Surrogate: Toluene-d8	0.501		0.500	100	70-130			



Tetra TechnologiesProject Name:Hayhurst Pad 10Reported:6121 Indian School Road, NEProject Number:21016-0002Albuquerque NM, 87110Project Manager:Greg Crabtree8/19/20229:07:23AM

Albuquerque NM, 8/110		Project Manager	r: Gr	eg Crabtree				8/.	19/2022 9:07:23AN
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO		_	Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2234003-BLK1)							Prepared: 0	8/15/22 Ana	lyzed: 08/16/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	38.0		50.0		76.0	50-200			
LCS (2234003-BS1)							Prepared: 0	8/15/22 Ana	lyzed: 08/16/22
Diesel Range Organics (C10-C28)	218	25.0	250		87.4	38-132			
urrogate: n-Nonane	37.5		50.0		75.0	50-200			
Matrix Spike (2234003-MS1)				Source:	E208074-	16	Prepared: 0	8/15/22 Ana	lyzed: 08/16/22
Diesel Range Organics (C10-C28)	222	25.0	250	ND	88.8	38-132			
urrogate: n-Nonane	37.0		50.0		73.9	50-200			
Matrix Spike Dup (2234003-MSD1)				Source:	E208074-	16	Prepared: 0	8/15/22 Ana	lyzed: 08/16/22
Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.5	38-132	0.765	20	
'urrogate: n-Nonane	38.3		50.0		76.6	50-200			

Tetra Technologies		Project Name:		ayhurst Pad 10					Reported:
6121 Indian School Road, NE Albuquerque NM, 87110		Project Number: Project Manager:		1016-0002 reg Crabtree					8/19/2022 9:07:23AM
		Anions	by EPA 3	300.0/9056A					Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2234019-BLK1)							Prepared: 0	8/15/22 A	analyzed: 08/17/22
Chloride	ND	20.0							
LCS (2234019-BS1)							Prepared: 0	8/15/22 A	analyzed: 08/17/22
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2234019-MS1)				Source: I	E 208074 -0	01	Prepared: 0	8/15/22 A	analyzed: 08/17/22
Chloride	8640	200	250	7500	456	80-120			M2
Matrix Spike Dup (2234019-MSD1)				Source: I	E 208074 -0	01	Prepared: 0	8/15/22 A	analyzed: 08/17/22
Chloride	10300	200	250	7500	NR	80-120	17.8	20	M2

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

	Tetra Technologies	Project Name:	Hayhurst Pad 10	
ı	6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
l	Albuquerque NM, 87110	Project Manager:	Greg Crabtree	08/19/22 09:07

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

NT: TETRA TECH BIII TO						e On	_				TAT		EPA Pr	rogram
ect: HAYHURST PAO 10 ect Manager: GREG CLABTREE Address:		Lab Eá	WO	1	11	Job I	Numl	per	1D	2D 31	D S	Standard	CWA	SDWA
rect Manager: Great City State, Zip Address: City, State, Zip		Ea	100					0002				×		
, State, Zip Phone:						Analy	sis ar	d Metho			-	_		RCRA
ne: Email:	1	5	5										State	
ail: ALL ENVIRO		y 801	/ 801	-			0.	0				NMI CO	UT AZ	TX
ort due by:		30 b)	(O b)	805	8260	5010	300	Ŏ				X	- I	
me pled Date Sampled Matrix No. of Containers Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	80600					Remarks	
02 8-10-22 S 7 TH-7 0"	1							X						
25 TH-7 4"	2													7
OP TH-80"	3													
7H-8 10"	4													
55 TH-9 0"	5													5
ST TH-9 2"	6													
39 TH-10 0"	7													
:13 TH-10 4'	8													
TH-11 0"	9													
157 - I TH-11 2'	10							_						
litional Instructions:														
Id sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mor time of collection is considered fraud and may be grounds for legal action.	islabelling the sample lo	cation,	in the second									d on ice the day th n subsequent day		d or receiver
or time of collection is considered fraud and may be grounds for legal action. Sampled by: Signature) Date Time Received by Signature	1 Date /	, 1	Time			packed	ice at	an avg temp				ii subsequent day	3.	TO HAVE A
requished by: (Signature) Date 8-/2-22 Date Time Received by: (Signature) Particle Archive Brown B	# 8/12/	02	13	5:0	1	Rece	ived	on ice:	Ø/	Use O	nly			
received by: (Signature)	Date		Time			Т1			т.			T0		
equished by: (Signature) Date Time Received by: (Signature)	Date		Time			T1			<u>T2</u>			<u>T3</u>		
ole Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Container							°c						



Project Information

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Chain of Custody

Dage	U	o.f	6
Page		of _	100

Client: T	ETRA TE	CH					Bill To				La	b Us	se On	ly					TA	Т	EPA P	rogram
	HAXHURS					Attention:	500,000 100,000		Lab	WO#			Job I				1D	2D	3D	Standard	CWA	SDWA
	1anager: 6 🗸	EG CX	CABTLE	35		Address:			E	208	07	4	210	16-0	3001	U				X		
Address:	to Author 1					City, State, Zip							Analy	sis a	nd Met	thod						RCRA
City, Stat	e, Zip					Phone:																\sim
Phone:		0				Email:			8015	8015				0000							State	
	u enuir	0							þ	by 8	121	9	01	0.00	d						UT AZ	TX
Report d	ue by:		1					Target Contract	ORO	SRO)8 Ac	y 82	s 60.	de 3	βg					X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BC						Remarks	
16:37	8-10-22	5	1	TH-17	10'	ત		11							×							
16:39	-			TH-17	2	V.		12							X							
17:05				TH-1	30	u'i		13							×							
17:07	+	1	1	TH - 13	3 2			14							X							
9.08	8-11-22.	5	1	TH-14	0	♦ 0		15							X							
9:10	= ,	1		TH-14	1 2	4		16							Y							
9:44				TH-15	- 2			17							X							
10:09				TH-15				18							X							
10:40				TH-16	. 0'	ı i		19							X							
10:44	T	1	7	TH-1				20					•		X							
Addition	al Instruction	ns:																		<u>.</u>		
1000	oler), attest to the						or intentionally mislabell		ocation,											eived on ice the day °C on subsequent d		ed or received
Relinquishe	ed by: (Signatur	e)	Date 9-		ime 15:0	Received by:	(Signature)	8/12/	R	Time	10	1	Rece	eived	l on ice	e:	Lal	Us N	e Onl	У		
Relinquishe	ed by: (Signatu	el	Date	Т	ime	Received by:		Date		Time		•	T1				T2			T3		
Relinquishe	ed by: (Signatur	e)	Date	T	ime	Received by:	(Signature)	Date		Time			(STEWERS	Tem	np °C_							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Contain					Containe	r Type	: g - c	lass i							V -	VOA						
					l unless o	ther arrangements a	re made. Hazardous													ort for the anal	vsis of the a	bove
							ability of the laborator										Mai				, or or or or	



envirotech Inc.

Printed: 8/15/2022 9:29:43AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

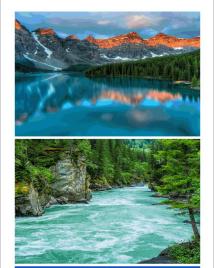
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Tetra Technologies	Date Received:	08/12/22 15		Work Order ID:	E208074
Phone: ((505)881-3188	Date Logged In:	08/12/22 15	5:44	Logged In By:	Caitlin Christian
Email: g	gcrabtree@envirotech-inc.com	Due Date:	08/19/22 17	7:00 (5 day TAT)		
Chain of C	ustody (COC)					
	sample ID match the COC?		Yes			
2. Does the	number of samples per sampling site location mat	ch the COC	Yes			
3. Were sam	nples dropped off by client or carrier?		Yes	Carrier: <u>K</u>	Kholeton Sanchez	
	COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes			
1	samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		Yes		<u>Commen</u>	ts/Resolution
Sample Tur	rn Around Time (TAT)				TO 1 1 1	. 1: . 2
6. Did the C	COC indicate standard TAT, or Expedited TAT?		Yes		Project has been sepera	=
Sample Co	<u>oler</u>				due to amount of sampl	es. Workorders are
7. Was a sar	mple cooler received?		Yes		as follows:	
8. If yes, wa	as cooler received in good condition?		Yes		E208073 COC pg 1&2	of 6. E208074 COC
9. Was the s	sample(s) received intact, i.e., not broken?		Yes		pg 3&4 of 6, E208075	
10. Were cu	stody/security seals present?		No		pg 3&4 01 0, E208073 0	COC pg 3&0 01 0.
11. If yes, w	vere custody/security seals intact?		NA			
l r	sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling sible ice, record the temperature. Actual sample	e received w/i 15	Yes <u>C</u>			
Sample Co	ntainer	_	_			
	eous VOC samples present?		No			
=	C samples collected in VOA Vials?		NA			
	ead space less than 6-8 mm (pea sized or less)?		NA			
	rip blank (TB) included for VOC analyses?		NA			
	a-VOC samples collected in the correct containers?	?	Yes			
	propriate volume/weight or number of sample contain		Yes			
Field Label	1 1					
	eld sample labels filled out with the minimum info	rmation:				
San	nple ID?		Yes			
	e/Time Collected?		Yes	·		
	lectors name?		Yes			
Sample Pre		10				
	e COC or field labels indicate the samples were pr	eserved?	No			
	nple(s) correctly preserved?	. atala9	NA			
	lteration required and/or requested for dissolved m	ietais?	No			
	e Sample Matrix	-				
	e sample have more than one phase, i.e., multiphas		No			
27. If yes, d	loes the COC specify which phase(s) is to be analy	zed?	NA			
Subcontrac	ct Laboratory_					
28. Are sam	ples required to get sent to a subcontract laborator	ry?	No			
29. Was a sı	ubcontract laboratory specified by the client and if	so who?	NA S	Subcontract Lab	o: na	
Client Inst	truction_					

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Greg Crabtree







5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

Tetra Technologies

Project Name: Hayhurst Pad 10

Work Order: E208075

Job Number: 21016-0002

Received: 8/12/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/19/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 8/19/22

Greg Crabtree 6121 Indian School Road, NE Albuquerque, NM 87110

Project Name: Hayhurst Pad 10

Workorder: E208075

Date Received: 8/12/2022 3:01:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/12/2022 3:01:00PM, under the Project Name: Hayhurst Pad 10.

The analytical test results summarized in this report with the Project Name: Hayhurst Pad 10 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

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labadmin@envirotech-inc.com

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T 1 1 1 D

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Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Γ	Tetra Technologies	Project Name:	Hayhurst Pad 10	Reported:	
l	6121 Indian School Road, NE	Project Number:	21016-0002	Reporteu.	
l	Albuquerque NM, 87110	Project Manager:	Greg Crabtree	08/19/22 14:16	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TH-17 0"	E208075-01A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-17 2'	E208075-02A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-18 0"	E208075-03A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-18 2'	E208075-04A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-19 0"	E208075-05A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-19 4'	E208075-06A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-20 0"	E208075-07A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-20 2'	E208075-08A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-21 0"	E208075-09A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-21 2'	E208075-10A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-22 0"	E208075-11A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.
TH-23 0"	E208075-12A	Soil	08/11/22	08/12/22	Glass Jar, 2 oz.

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:16:40PM

TH-17 0'' E208075-01

	E200073-01				
	Reporting	5.11			
Result	Limit	Dılut	tion Prepa	ared Analyzed	Notes
mg/kg	mg/kg	A	Analyst: IY		Batch: 2234007
ND	0.0250	1	08/15	5/22 08/16/22	
ND	0.0250	1	08/15	5/22 08/16/22	
ND	0.0250	1	08/15	5/22 08/16/22	
ND	0.0250	1	08/15	5/22 08/16/22	
ND	0.0500	1	08/15	5/22 08/16/22	
ND	0.0250	1	08/15	5/22 08/16/22	
	95.6 %	70-130	08/15	5/22 08/16/22	
	95.8 %	70-130	08/15	5/22 08/16/22	
	99.1 %	70-130	08/15	5/22 08/16/22	
mg/kg	mg/kg	A	Analyst: IY		Batch: 2234007
ND	20.0	1	08/15	5/22 08/16/22	
	95.6 %	70-130	08/15	5/22 08/16/22	
	95.8 %	70-130	08/15	5/22 08/16/22	
	99.1 %	70-130	08/15	5/22 08/16/22	
mg/kg	mg/kg	A	Analyst: JL		Batch: 2234005
ND	25.0	1	08/15	5/22 08/15/22	
ND	50.0	1	08/15	5/22 08/15/22	
	90.8 %	50-200	08/15	5/22 08/15/22	
mg/kg	mg/kg	A	Analyst: RAS		Batch: 2234020
7520	200	10	08/15	5/22 08/18/22	
	ND ND ND ND ND ND ND ND ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 95.6 % 95.8 % 99.1 % mg/kg MD 20.0 95.6 % 99.1 % mg/kg mg/kg ND 25.0 ND 50.0 90.8 % mg/kg mg/kg mg/kg	Result Limit Dilute mg/kg mg/kg mg/kg ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 95.6% 70-130 99.1% 70-130 99.1% 70-130 99.1% 70-130 95.6% 70-130 95.8% 70-130 99.1% 70-130 99.1% 70-130 99.1% 70-130 90.8% 50-200 mg/kg mg/kg MD 25.0 1 ND 50.0 1 90.8% 50-200	Result Limit Dilution Preparation mg/kg mg/kg Analyst: IV ND 0.0250 1 08/15 ND 0.0250 1 08/15 ND 0.0250 1 08/15 ND 0.0500 1 08/15 ND 0.0250 1 08/15 ND 0.0250 1 08/15 95.6 % 70-130 08/15 95.8 % 70-130 08/15 99.1 % 70-130 08/15 95.6 % 70-130 08/15 95.8 % 70-130 08/15 99.1 % 70-130 08/15 99.1 % 70-130 08/15 99.1 % 70-130 08/15 99.1 % 70-130 08/15 90.8 % 70-130 08/15 ND 25.0 1 08/15 ND 50.0 1 08/15 90.8 % 50-200 08/15	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15/22 08/16/22 ND 0.0500 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 95.6 % 70-130 08/15/22 08/16/22 99.1 % 70-130 08/15/22 08/16/22 mg/kg mg/kg Analyst: IY ND 20.0 1 08/15/22 08/16/22 95.6 % 70-130 08/15/22 08/16/22 08/16/22 08/16/22 95.8 % 70-130 08/15/22 08/16/22 08/16/22



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:16:40PM

TH-17 2' E208075-02

		22000.00					
	D 1:	Reporting					N
Analyte	Result	Limit	Dilt	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2234007
Benzene	ND	0.0250		1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250		1	08/15/22	08/16/22	
Toluene	ND	0.0250		1	08/15/22	08/16/22	
o-Xylene	ND	0.0250		1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500		1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250		1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130	·	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		99.6 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2234007
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		99.2 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		99.6 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2234005
Diesel Range Organics (C10-C28)	ND	25.0		1	08/15/22	08/15/22	_
Oil Range Organics (C28-C36)	ND	50.0	:	1	08/15/22	08/15/22	
Surrogate: n-Nonane		100 %	50-200		08/15/22	08/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2234020
Chloride	528	20.0		1	08/15/22	08/18/22	
Cinoriae	020	20.0					



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:16:40PM

TH-18 0" E208075-03

		E208075-05					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2234007
Benzene	ND	0.0250		1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250		1	08/15/22	08/16/22	
Toluene	ND	0.0250		1	08/15/22	08/16/22	
p-Xylene	ND	0.0250		1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500		1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250		1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		101 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2234007
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		101 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: Л		Batch: 2234005
Diesel Range Organics (C10-C28)	ND	25.0		1	08/15/22	08/15/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/15/22	08/15/22	
Surrogate: n-Nonane		96.6 %	50-200		08/15/22	08/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2234020
Chloride	791	20.0		1	08/15/22	08/18/22	

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:16:40PM

TH-18 2' E208075-04

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2234007
Benzene	ND	0.0250		1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250		1	08/15/22	08/16/22	
Toluene	ND	0.0250		1	08/15/22	08/16/22	
o-Xylene	ND	0.0250		1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500		1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250		1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		98.7 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2234007
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		98.7 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		98.7 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: Љ		Batch: 2234005
Diesel Range Organics (C10-C28)	ND	25.0		1	08/15/22	08/15/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/15/22	08/15/22	
Surrogate: n-Nonane		107 %	50-200		08/15/22	08/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2234020
Chloride	13900	400	2	20	08/15/22	08/18/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:16:40PM

TH-19 0" E208075-05

		E200078 08				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte				1	Allalyzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2234007
Benzene	ND	0.0250	1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/16/22	
Toluene	ND	0.0250	1	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		98.5 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2234007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		98.5 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: JL		Batch: 2234005
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/15/22	
Surrogate: n-Nonane		98.5 %	50-200	08/15/22	08/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2234020
Timons by E111300:0/203011	<u> </u>					



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:16:40PM

TH-19 4' E208075-06

	_	Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2234007
Benzene	ND	0.0250	1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/16/22	
Toluene	ND	0.0250	1	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		99.5 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2234007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		95.8 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		99.5 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2234005
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/15/22	
Surrogate: n-Nonane		122 %	50-200	08/15/22	08/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: RAS		Batch: 2234020
Chloride	56.9	20.0	1	08/15/22	08/18/22	

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:16:40PM

TH-20 0'' E208075-07

Austra	D l4	Reporting Limit	Dilti		A In J	Notes
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: IY		Batch: 2234007
Benzene	ND	0.0250	1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/16/22	
Toluene	ND	0.0250	1	08/15/22	08/16/22	
o-Xylene	ND	0.0250	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		99.2 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2234007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		95.5 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		99.2 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2234005
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/15/22	
Surrogate: n-Nonane		102 %	50-200	08/15/22	08/15/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2234020
Chloride	25800	2000	100	08/15/22	08/18/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:16:40PM

TH-20 2' E208075-08

		E208075-08				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	analyst: IY		Batch: 2234007
Benzene	ND	0.0250	1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250	1	08/15/22	08/16/22	
Toluene	ND	0.0250	1	08/15/22	08/16/22	
p-Xylene	ND	0.0250	1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500	1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		93.8 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		97.5 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	analyst: IY		Batch: 2234007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		93.8 %	70-130	08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	08/15/22	08/16/22	
Surrogate: Toluene-d8		97.5 %	70-130	08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	analyst: JL		Batch: 2234005
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/22	08/16/22	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/22	08/16/22	
Surrogate: n-Nonane		96.0 %	50-200	08/15/22	08/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	analyst: RAS		Batch: 2234020
Chloride	1090	20.0	1	08/15/22	08/18/22	



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:16:40PM

TH-21 0" E208075-09

						E200073-09		
Notes	Notes	Analyzed	Prepared	ilution		Reporting Limit	Result	Applieto
Notes	Inotes	Anaryzeu	Frepared	Hution	Di	Limit	Result	Analyte
:h: 2234007	Batch: 22340		IY	Analyst:		mg/kg	mg/kg	Volatile Organic Compounds by EPA 8260B
		08/16/22	08/15/22	1		0.0250	ND	Benzene
		08/16/22	08/15/22	1		0.0250	ND	Ethylbenzene
		08/16/22	08/15/22	1		0.0250	ND	Toluene
		08/16/22	08/15/22	1		0.0250	ND	-Xylene
		08/16/22	08/15/22	1		0.0500	ND	o,m-Xylene
		08/16/22	08/15/22	1		0.0250	ND	Total Xylenes
		08/16/22	08/15/22		70-130	97.1 %		urrogate: Bromofluorobenzene
		08/16/22	08/15/22		70-130	95.6 %		urrogate: 1,2-Dichloroethane-d4
		08/16/22	08/15/22		70-130	99.4 %		Surrogate: Toluene-d8
:h: 2234007	Batch: 22340		IY	Analyst:		mg/kg	mg/kg	Nonhalogenated Organics by EPA 8015D - GRO
		08/16/22	08/15/22	1		20.0	ND	Gasoline Range Organics (C6-C10)
		08/16/22	08/15/22		70-130	97.1 %		Surrogate: Bromofluorobenzene
		08/16/22	08/15/22		70-130	95.6 %		Surrogate: 1,2-Dichloroethane-d4
		08/16/22	08/15/22		70-130	99.4 %		iurrogate: Toluene-d8
:h: 2234005	Batch: 22340		JL	Analyst:		mg/kg	mg/kg	Nonhalogenated Organics by EPA 8015D - DRO/ORO
		08/16/22	08/15/22	1		25.0	ND	Diesel Range Organics (C10-C28)
		08/16/22	08/15/22	1		50.0	ND	Dil Range Organics (C28-C36)
		08/16/22	08/15/22		50-200	98.8 %		iurrogate: n-Nonane
:h: 2234020	Batch: 22340		RAS	Analyst:		mg/kg	mg/kg	Anions by EPA 300.0/9056A
		08/18/22	08/15/22	10		200	ND	Chloride
	Batc	08/16/22	08/15/22 RAS			98.8 % mg/kg	mg/kg	iurrogate: n-Nonane Anions by EPA 300.0/9056A



Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:16:40PM

TH-21 2' E208075-10

		E200073-10					
	D 1	Reporting			D 1		
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2234007
Benzene	ND	0.0250		1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250		1	08/15/22	08/16/22	
Toluene	ND	0.0250		1	08/15/22	08/16/22	
o-Xylene	ND	0.0250		1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500		1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250		1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		96.9 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2234007
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		97.9 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		96.9 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2234005
Diesel Range Organics (C10-C28)	ND	25.0		1	08/15/22	08/16/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/15/22	08/16/22	
Surrogate: n-Nonane		88.5 %	50-200		08/15/22	08/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: RAS		Batch: 2234020
Chloride	ND	20.0		1	08/15/22	08/18/22	

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:16:40PM

TH-22 0" E208075-11

	Reporting				
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: IY		Batch: 2234007
ND	0.0250	1	08/15/22	08/16/22	
ND	0.0250	1	08/15/22	08/16/22	
ND	0.0250	1	08/15/22	08/16/22	
ND	0.0250	1	08/15/22	08/16/22	
ND	0.0500	1	08/15/22	08/16/22	
ND	0.0250	1	08/15/22	08/16/22	
	97.0 %	70-130	08/15/22	08/16/22	
	99.8 %	70-130	08/15/22	08/16/22	
	99.3 %	70-130	08/15/22	08/16/22	
mg/kg	mg/kg	An	alyst: IY		Batch: 2234007
ND	20.0	1	08/15/22	08/16/22	
	97.0 %	70-130	08/15/22	08/16/22	
	99.8 %	70-130	08/15/22	08/16/22	
	99.3 %	70-130	08/15/22	08/16/22	
mg/kg	mg/kg	An	alyst: JL		Batch: 2234005
ND	25.0	1	08/15/22	08/16/22	_
ND	50.0	1	08/15/22	08/16/22	
	95.8 %	50-200	08/15/22	08/16/22	
mg/kg	mg/kg	An	alyst: RAS		Batch: 2234020
	8 8				
	mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 97.0 % 99.8 % 99.3 % mg/kg ND 20.0 97.0 % 99.8 % 99.3 % mg/kg mg/kg mg/kg ND 25.0 ND 50.0 95.8 %	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 99.8 % 70-130 99.8 % 70-130 99.3 % 70-130 99.8 % 70-130 99.8 % 70-130 99.8 % 70-130 99.3 % 70-130 mg/kg mg/kg An ND 25.0 1 ND 50.0 1 95.8 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0500 1 08/15/22 ND 0.0250 1 08/15/22 ND 0.0250 1 08/15/22 99.8 % 70-130 08/15/22 99.8 % 70-130 08/15/22 99.3 % 70-130 08/15/22 99.8 % 70-130 08/15/22 99.8 % 70-130 08/15/22 99.8 % 70-130 08/15/22 99.3 % 70-130 08/15/22 99.3 % 70-130 08/15/22 MD 25.0 1 08/15/22 ND 50.0 1 08/15/22 ND 50.0 1 08/15/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY Analyst: IY ND 0.0250 1 08/15/22 08/16/22 ND 0.0500 1 08/15/22 08/16/22 ND 0.0250 1 08/15/22 08/16/22 97.0 % 70-130 08/15/22 08/16/22 99.8 % 70-130 08/15/22 08/16/22 mg/kg mg/kg Analyst: IY ND 20.0 1 08/15/22 08/16/22 99.8 % 70-130 08/15/22 08/16/22 99.8 % 70-130 08/15/22 08/16/22 99.3 % 70-130 08/15/22 08/16/22 mg/kg mg/kg Analyst: JL ND 25.0

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:16:40PM

TH-23 0" E208075-12

		E200073-12					
Author	Dl4	Reporting Limit	D.i.	ution	D 1	A a la a . l	Notes
Analyte	Result	Limit	Dill	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2234007
Benzene	ND	0.0250		1	08/15/22	08/16/22	
Ethylbenzene	ND	0.0250		1	08/15/22	08/16/22	
Toluene	ND	0.0250		1	08/15/22	08/16/22	
o-Xylene	ND	0.0250		1	08/15/22	08/16/22	
p,m-Xylene	ND	0.0500		1	08/15/22	08/16/22	
Total Xylenes	ND	0.0250		1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		99.9 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2234007
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/15/22	08/16/22	
Surrogate: Bromofluorobenzene		98.9 %	70-130		08/15/22	08/16/22	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130		08/15/22	08/16/22	
Surrogate: Toluene-d8		99.9 %	70-130		08/15/22	08/16/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2234005
Diesel Range Organics (C10-C28)	ND	25.0		1	08/15/22	08/16/22	
Oil Range Organics (C28-C36)	ND	50.0		1	08/15/22	08/16/22	
Surrogate: n-Nonane		96.5 %	50-200		08/15/22	08/16/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2234020
Chloride	ND	100		5	08/15/22	08/18/22	



Tetra TechnologiesProject Name:Hayhurst Pad 10Reported:6121 Indian School Road, NEProject Number:21016-0002Albuquerque NM, 87110Project Manager:Greg Crabtree8/19/20222:16:40PM

Result Limit Level Result Reco Limits RPD Limits RPD Limits RPD Limits RPD Limits RPD Results	Albuquerque NM, 87110		Project Manage	r: G1	eg Crabtree				8/	19/2022 2:16:40PM
Result Limit Level Result Result Result Repo Limits RPO Limits RPO Limits RPO Result Repo Result Repo Result Repo Result Repo Report Repo		Vo	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: IY
Stank (2234007-BLK1) Prepared: 08/15/22 Analyzed: 08/15/22 Analyzed: 08/15/22	Analyte	Result		-		Rec		RPD		
ND		mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
ND	Blank (2234007-BLK1)							Prepared: 08	8/15/22 Ana	lyzed: 08/15/22
ND	Benzene	ND	0.0250							
ND 0.0250 ND 0.0500	Ethylbenzene	ND	0.0250							
ND 0.0550	Toluene	ND	0.0250							
Stall Xylenes ND 0.0250	o-Xylene									
### 1	p,m-Xylene		0.0500							
102 70-130 102	Total Xylenes	ND	0.0250							
Prepared: 08/15/22 Analyzed: 08/15/22 Analyze	Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Prepared: 08/15/22 Analyzed: 08/15/23 Analyze	Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
enzene 2.05 0.0250 2.50 82.1 70-130 11.43 24 11.70 11.50 11.45 11.	Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			
thylbenzene 2.29 0.0250 2.50 91.5 70-130 shuene 2.12 0.0250 2.50 84.6 70-130 shuene 2.12 0.0250 2.50 84.6 70-130 shuene 2.136 0.0250 2.50 94.3 70-130 shuene 3.236 0.0250 2.50 94.3 70-130 shuene 3.236 0.0250 7.50 92.9 70-130 shuene 3.24 shuene 3.25 0.0250 7.50 92.9 70-130 shuene 3.25 shuene 3.25 0.500 99.3 70-130 shuene 3.25 0.0250 2.50 82.0 70-130 0.0732 2.3 shuene 3.25 0.0250 2.50 92.2 70-130 0.0732 2.3 shuene 3.25 0.0250 2.50 92.2 70-130 0.762 2.7 shuene 3.28 0.0250 2.50 95.2 70-130 0.762 2.7 shuene 3.28 0.0250 2.50 95.2 70-130 0.0637 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.637 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.637 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.637 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.637 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 70-130 0.033 0.736 2.7 shuene 3.28 0.0250 2.50 92.8 shuene 3.28 0.0250 2.50 92.8 shuene 3.28 0.0250 2.	LCS (2234007-BS1)							Prepared: 08	8/15/22 Ana	lyzed: 08/15/22
Solution	Benzene	2.05	0.0250	2.50		82.1	70-130			
Axylene 2.36 0.0250 2.50 94.3 70-130	Ethylbenzene	2.29	0.0250	2.50		91.5	70-130			
Mark	Toluene	2.12	0.0250	2.50		84.6	70-130			
Description	o-Xylene	2.36	0.0250	2.50		94.3	70-130			
urrogate: Bromofluorobenzene 0.510 0.500 102 70-130 urrogate: 1,2-Dichloroethane-d4 0.497 0.500 99.3 70-130 urrogate: Toluene-d8 0.508 0.300 102 70-130 CCS Dup (2234007-BSD1) Prepared: 08/15/22 Analyzed: 08/16/22 enzene 2.05 0.0250 2.50 82.0 70-130 0.0732 23 thylbenzene 2.31 0.0250 2.50 92.2 70-130 0.762 27 oluene 2.15 0.0250 2.50 85.9 70-130 1.43 24 Xylene 2.38 0.0250 2.50 95.2 70-130 0.929 27 m-Xylene 4.64 0.0500 5.00 92.8 70-130 0.637 27 otal Xylenes 7.02 0.0250 7.50 93.6 70-130 0.736 27 urrogate: Bromofluorobenzene 0.510 0.500 102 70-130	p,m-Xylene		0.0500	5.00		92.3	70-130			
wrogate: 1,2-Dichloroethane-d4	Total Xylenes	6.97	0.0250	7.50		92.9	70-130			
### Prepared: 08/15/22 Analyzed: 08/16/22 ##################################	Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
CS Dup (2234007-BSD1) Prepared: 08/15/22 Analyzed: 08/16/22	Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
enzene 2.05 0.0250 2.50 82.0 70-130 0.0732 23 thylbenzene 2.31 0.0250 2.50 92.2 70-130 0.762 27 sluene 2.15 0.0250 2.50 85.9 70-130 1.43 24 Xylene 2.38 0.0250 2.50 95.2 70-130 0.929 27 m-Xylene 4.64 0.0500 5.00 92.8 70-130 0.637 27 stal Xylenes 7.02 0.0250 7.50 93.6 70-130 0.736 27 urrogate: Bromofluorobenzene 0.510 0.500 102 70-130	Surrogate: Toluene-d8	0.508		0.500		102	70-130			
thylbenzene 2.31 0.0250 2.50 92.2 70-130 0.762 27 solutione 2.15 0.0250 2.50 85.9 70-130 1.43 24 xylene 2.38 0.0250 2.50 95.2 70-130 0.929 27 m-Xylene 4.64 0.0500 5.00 92.8 70-130 0.929 27 solution 2.38 0.0250 7.50 93.6 70-130 0.637 27 solution 2.38 7.02 0.0250 7.50 93.6 70-130 0.736 27 solution 2.38 7.02 0.0250 7.50 93.6 70-130 0.736 27 solution 2.38 7.02 0.500 7.50 7.50 7.50 7.50 7.50 7.50 7.5	LCS Dup (2234007-BSD1)							Prepared: 08	8/15/22 Ana	lyzed: 08/16/22
thylbenzene 2.31 0.0250 2.50 92.2 70-130 0.762 27 bluene 2.15 0.0250 2.50 85.9 70-130 1.43 24 bluene 2.38 0.0250 2.50 95.2 70-130 0.929 27 m-Xylene 4.64 0.0500 5.00 92.8 70-130 0.929 27 bluene 2.38 0.0250 7.50 93.6 70-130 0.637 27 bluene 2.38 7.02 0.0250 7.50 93.6 70-130 0.736 27 bluene 2.38 7.02 0.0250 7.50 93.6 70-130 0.736 27 bluene 2.38 7.02 0.500 102 70-130 7	Benzene	2.05	0.0250	2.50		82.0	70-130	0.0732	23	
Soluene 2.15 0.0250 2.50 85.9 70-130 1.43 24 Xylene 2.38 0.0250 2.50 95.2 70-130 0.929 27 m-Xylene 4.64 0.0500 5.00 92.8 70-130 0.637 27 otal Xylenes 7.02 0.0250 7.50 93.6 70-130 0.736 27 urrogate: Bromofluorobenzene 0.510 0.500 102 70-130 70-130	Ethylbenzene	2.31		2.50		92.2	70-130	0.762		
EXylene 2.38 0.0250 2.50 95.2 70-130 0.929 27 m-Xylene 4.64 0.0500 5.00 92.8 70-130 0.637 27 otal Xylenes 7.02 0.0250 7.50 93.6 70-130 0.736 27 urrogate: Bromofluorobenzene 0.510 0.500 102 70-130 70-130	Toluene	2.15		2.50		85.9	70-130	1.43	24	
m-Xylene 4.64 0.0500 5.00 92.8 70-130 0.637 27 otal Xylenes 7.02 0.0250 7.50 93.6 70-130 0.736 27 urrogate: Bromofluorobenzene 0.510 0.500 102 70-130	o-Xylene	2.38		2.50		95.2	70-130	0.929	27	
stal Xylenes 7.02 0.0250 7.50 93.6 70-130 0.736 27 urrogate: Bromofluorobenzene 0.510 0.500 102 70-130 70-130	p,m-Xylene	4.64	0.0500	5.00		92.8	70-130	0.637	27	
	Total Xylenes	7.02	0.0250	7.50		93.6	70-130	0.736	27	
urrogate: 1,2-Dichloroethane-d4 0,467 0.500 93.3 70-130	Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
	Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			

0.500

70-130



Surrogate: Toluene-d8

0.505

Tetra TechnologiesProject Name:Hayhurst Pad 10Reported:6121 Indian School Road, NEProject Number:21016-0002Albuquerque NM, 87110Project Manager:Greg Crabtree8/19/20222:16:40PM

Nonhalogenated	Organics	by EPA	8015D -	GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2234007-BLK1)						F	Prepared: 0	8/15/22 Anal	yzed: 08/15/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			
LCS (2234007-BS2)						F	Prepared: 0	8/15/22 Analy	yzed: 08/16/22

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0	89.2	70-130	
Surrogate: Bromofluorobenzene	0.496		0.500	99.2	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500	96.6	70-130	

Surrogate: 1,2-Dichloroethane-d4	0.483	0.500	96.6	70-130
Surrogate: Toluene-d8	0.501	0.500	100	70-130

Surrogate: Toluene-a8	0.301		0.300	100	/0-130			
LCS Dup (2234007-BSD2)					I	Prepared: 08	3/15/22 Analyze	d: 08/16/22
Gasoline Range Organics (C6-C10)	42.8	20.0	50.0	85.6	70-130	4.07	20	
Surrogate: Bromofluorobenzene	0.501		0.500	100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500	96.1	70-130			
Surrogate: Toluene-d8	0.502		0.500	100	70-130			

Tetra Technologies	Project Name:	Hayhurst Pad 10	Reported:
6121 Indian School Road, NE	Project Number:	21016-0002	•
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	8/19/2022 2:16:40PM

Albuquerque NM, 87110		Project Manager	r: Gi	eg Crabtree				8/	19/2022 2:16:40PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2234005-BLK1)							Prepared: 0	8/15/22 Ana	yzed: 08/15/22
riesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	48.1		50.0		96.2	50-200			
CS (2234005-BS1)							Prepared: 0	8/15/22 Ana	lyzed: 08/15/22
riesel Range Organics (C10-C28)	245	25.0	250		98.2	38-132			
urrogate: n-Nonane	39.2		50.0		78.4	50-200			
Matrix Spike (2234005-MS1)				Source:	E208075-	05	Prepared: 0	8/15/22 Ana	lyzed: 08/15/22
viesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132			
urrogate: n-Nonane	40.2		50.0		80.5	50-200			
Matrix Spike Dup (2234005-MSD1)				Source:	E208075-	05	Prepared: 0	8/15/22 Ana	lyzed: 08/15/22
tiesel Range Organics (C10-C28)	249	25.0	250	ND	99.4	38-132	2.68	20	
urrogate: n-Nonane	40.1		50.0		80.3	50-200			



Tetra Technologies		Project Name:		ayhurst Pad 10					Reported:
6121 Indian School Road, NE Albuquerque NM, 87110		Project Number: Project Manager:		1016-0002 reg Crabtree					8/19/2022 2:16:40PM
		Anions	by EPA 3	300.0/9056A					Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2234020-BLK1)							Prepared: 0	8/15/22 A	.nalyzed: 08/17/22
Chloride	ND	20.0							
LCS (2234020-BS1)							Prepared: 0	8/15/22 A	nalyzed: 08/17/22
Chloride	245	20.0	250		97.9	90-110			
Matrix Spike (2234020-MS1)				Source: 1	E 208073 -2	21	Prepared: 0	8/15/22 A	nalyzed: 08/18/22
Chloride	477	200	250	214	105	80-120			
Matrix Spike Dup (2234020-MSD1)				Source: 1	E 208073 -2	21	Prepared: 0	8/15/22 A	nalyzed: 08/18/22
Chloride	564	200	250	214	140	80-120	16.6	20	M2

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Tetra Technologies	Project Name:	Hayhurst Pad 10	
6121 Indian School Road, NE	Project Number:	21016-0002	Reported:
Albuquerque NM, 87110	Project Manager:	Greg Crabtree	08/19/22 14:16

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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ect: HayHu	AT PHO	MARTR	F15		Attention: Address:		Lab	WO#	07	5	Job I		ber OOSL	1D	2D	3D S	tandard	CWA	SDWA
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35			TH-19	0	t. _t	5							X						
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quished by: (Signatu	re)	Date	Tir	ne	Received by: (Signature)	Date		Time			<u>T1</u>			<u>T2</u>			<u>T3</u>		
, , , , , , , , , , , , , , , , , , , ,	costi fi										AVG	Tem	p°C_	4					
le Matrix: S - Soil, Sd -						Container	Type	: g - g	lass, į	o - po	ly/pla	stic,	ag - amb	er glass	, v - V	OA			
: Samples are discar	ded 30 days	after result	ts are reported	ınless o	ther arrangements are made. Hazardous	amples will be	return	ned to	client	or dis	sposed	d of at	the clien	t expens	se. Th	e report	for the analy	sis of the at	ove
oles is applicable onl	to those sa	imples rece	ived by the lab	oratory v	with this COC. The liability of the laboratory	is limited to the	he amo	ount p	aid fo	r on th	he rep	ort.							



Project Information

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Chain of Custody

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Page _	12	of	h

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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	PD60						Remarks	
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Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date		Time			1000000	Tem	np °C_							
Sample Mat	rix: S - Soil, Sd - S	olid, Sg - Sluc	lge, A - Aque	ous, O - Other			Containe	r Type	: g - p	glass, p						r glas	s, v -	VOA			
						ner arrangements are made. Hazardous								t the c	lient (expen	se. 1	The rep	ort for the analy	sis of the a	bove
samples is	applicable only	to those sa	mples rece	ived by the la	aboratory w	ith this COC. The liability of the laborato	ry is limited to t	he am	ount r	paid for	r on t	he ren	ort.								



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 193594

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	193594
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. This release is in a high karst area and will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. Samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. The largest variance confirmation floor sample size that the OCD can currently grant is 400 ft2. The variance is approved for 400 ft2 floor confirmation samples. The release area will still need confirmation sidewall samples representing no more than 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The work will need to occur in 90 days after the work plan has been approved.	7/14/2023