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### Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each o	of the following items must be included in the closure report.
A scaled site and sampling diagram as describ	bed in 19.15.29.11 NMAC
Photographs of the remediated site prior to b must be notified 2 days prior to liner inspection)	packfill or photos of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note:	appropriate ODC District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report may endanger public health or the environment. To should their operations have failed to adequately in human health or the environment. In addition, OC compliance with any other federal, state, or local larestore, reclaim, and re-vegetate the impacted surface accordance with 19.15.29.13 NMAC including not	strue and complete to the best of my knowledge and understand that pursuant to OCD rules and/or file certain release notifications and perform corrective actions for releases which the acceptance of a C-141 report by the OCD does not relieve the operator of liability investigate and remediate contamination that pose a threat to groundwater, surface water, and acceptance of a C-141 report does not relieve the operator of responsibility for away and/or regulations. The responsible party acknowledges they must substantially acceptance area to the conditions that existed prior to the release or their final land use in the tification to the OCD when reclamation and re-vegetation are complete.  Title:  Date: 6-15-22  Telephone:  Telephone:
OCD Only	
Received by:	Date:
	responsible party of liability should their operations have failed to adequately investigate and ndwater, surface water, human health, or the environment nor does not relieve the responsible or local laws and/or regulations.
Closure Approved by:	Date:
Printed Name:Jennifer Nobui	Title: Environmental Specialist A

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District RP
Facility ID
Application ID

## **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be	o 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)	2(C)(4) NMAC
<u>Deferral Requests Only</u> : Each of the following items must be con	firmed as part of any request for deferral of remediation.
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.
rules and regulations all operators are required to report and/or file of which may endanger public health or the environment. The accepta liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD responsibility for compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal, state, or local limits of the compliance with any other federal with the compliance with the complianc	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of aws and/or regulations.
Printed Name:	
Printed Name:  Signature:  email:	Date: 6-15-22
email:	Telephone:
000 0 1	
OCD Only	
Received by:	Date:
Approved	Approval
Signature:	Date:



# REMEDIATION SUMMARY AND SOIL CLOSURE REQUEST

Chevron Corporation
Getty 24 Fed #006
Eddy County, New Mexico
Unit Letter "E", Section 24, Township 22 South, Range 31 East
Latitude 32.37978° North, Longitude 103.73708° West
NMOCD Reference #: nAPP2208247093

Prepared For:

**Chevron Corporation** 6301 Deauville Blvd. Midland, TX 79706

Prepared By:

Etech Environmental & Safety Solutions, Inc. P.O. Box 62228 Midland, Texas 79711

June 14, 2022

Blake Estep Project Manager Jeff Kindley, P.G. Senior Project Manager

### TABLE OF CONTENTS

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NMOCD SITE CLASSIFICATION	1
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### **FIGURES**

- Figure 1 Site Location Topographic Map
- Figure 2 Aerial Proximity Map
- Figure 3 USGS Well Proximity Map
- Figure 4 Site Sample Location Map

### **TABLES**

Table 1 – Concentrations of Benzene, BTEX, TPH and Chloride in Soil

### **APPENDICES**

- Appendix A Release Notification and Corrective Action (Form C-141)
- Appendix B Photographic Documentation
- Appendix C Depth to Groundwater Information
- Appendix D Laboratory Analytical Reports

### INTRODUCTION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Chevron Corporation, has prepared this Soil Closure Request for the Release Site known as Getty 24 Fed #006. The legal description of the Release Site is Unit Letter "E", Section 24, Township 22 South, Range 31 East, in Eddy County, New Mexico. The subject property is administered by the New Mexico U.S. Department of the Interior Bureau of Land Management (BLM). The Release Site GPS coordinates are 32.37978° North and 103.73708° West. A "Site Location Topographic Map" is provided as Figure 1.

On March 14, 2022, the wellheads stuffing box developed a leak causing the release at the Getty 24 Fed #006 (Release Site). Approximately 0.56 barrels of crude oil and 6.17 barrels of produced water was released, with approximately 0.56 barrels of crude oil and 5.44 barrels of produced water being recovered, for a net loss of 0 barrels of crude oil and 0.73 barrels of produced water. A copy of the Release Notification and Corrective Action (NMCOD Form C-141) is provided as Appendix A.

Photographic documentation for the Release Site is provided as Appendix B.

#### NMOCD SITE CLASSIFICATION

A search of the groundwater database maintained by the United States Geological Survey (USGS) did not identify any registered water wells with a ½-mile of the Release Site. A search of the groundwater database maintained by New Mexico Office of the State Engineer (NMOSE) identified a fresh water well (C-04144-POD1) approximately 1.71 miles north north-east of the Release Site. The NMOSE database indicated groundwater should be encountered at approximately forty-nine (49) feet below ground surface (bgs). No surface water or water wells were observed within one thousand (1,000) feet of the Release Site. The release is located in a low potential karst area. An "Aerial Proximity Map and USGS Well Proximity Map" are provided as Figure 2 and Figure 3, respectfully. See appendix C for depth to groundwater data.

Based on the NMOCD site classification system, the following soil remediation levels were assigned to the Release Site as a result of this criteria:

- Benzene 10 mg/kg
- BTEX -50 mg/kg
- TPH 100 mg/kg
- Chloride 600 mg/kg

#### INITIAL SITE ASSESSMENT

On April 18, 2022, Etech conducted a initial site assessment and determined the release impacted approximately three thousand five hundred twenty-three (3,523) square feet of surface area on the caliche well pad and onto the adjacent pasture. See Appendix B for initial release photographs.

### DELINEATION, REMEDIATION, AND SOIL SAMPLING ACTIVITES

Between May 9 and May 11, 2022, Etech commenced delineation and remediation activities at the Release Site utilizing a backhoe and manual means. Based on field chloride testing, the site was excavated to dimensions of twenty-two (22) feet in width, by two hundred fifty-four (254) feet in length to depths ranging from one (1) foot to five (5) feet below ground surface (bgs). Impacted soils were stockpiled on plastic at the site awaiting final disposition to an approved NMOCD facility.

Between May 9 and May 11, 2022, sixteen (16) five (5) point composite bottom (Bottom Hole 1 through Bottom Hole 16) and six (6) five (5) point composite wall (North Sidewall 1, 2, South Sidewall 1, 2, East and West Sidewall) samples were collected at the site within every two hundred (200) square feet, placed into a laboratory provided container, labeled, stored on ice, and transported under proper chain-of-custody documentation to Europhins Laboratory in Midland, Texas. The soil samples were analyzed for total petroleum hydrocarbons (TPH) utilizing EPA Method SW 846-8015M, benzene, toluene, ethylbenzene and xylene (BTEX) utilizing Method SW 846-8021B, and chloride utilizing EPA Method 300.0. See Figure 4 Site Sample Location Map for sample locations. The benzene, total BTEX, TPH, and chlorides were all below the NMOCD standards for all samples analyzed. See Table 1 Concentrations of Benzene, BTEX, TPH, and Chloride in Soil for sampling results and Appendix D for laboratory analytical reports. See Appendix B for photos depicting remediation and backfill activities.

#### SOIL DISPOSAL AND BACKFILL ACTIVITIES

From May 25 through May 27, 2022, Etech transported approximately two hundred eight (208) cubic yards of impacted soil to R360 disposal facility in Eddy County, New Mexico. Etech transported approximately two hundred eight (208) cubic yards of like-sourced material to the Release Site to be used as backfill material. Utilizing a backhoe, the excavation was backfilled using the provided material and the site was restored to "near original conditions".

### SITE CLOSURE REQUEST

Laboratory analytical results indicate TPH, Chloride, and BTEX concentrations were below the NMOCD regulatory limits in each of the submitted soil samples. Etech, on behalf of Chevron, respectfully requests the NMOCD and BLM grant site closure to the Getty 24 Federal #006 (NMOCD Incident ID: nAPP2208247093).

### **LIMITATIONS**

Etech has prepared this Closure Request and Remediation Summary Report to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. Etech has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report. This report has been prepared for the benefit of Chevron Corporation. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Etech and/or Chevron Corporation.

### **DISTRIBUTION**

Copy 1: New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 2

506 West Texas

Artesia, New Mexico 88210

Copy 2: U.S. Department of the Interior

Bureau of Land Management

620 East Greene Street

Carlsbad, New Mexico 88220

Copy 3: Amy Barnhill

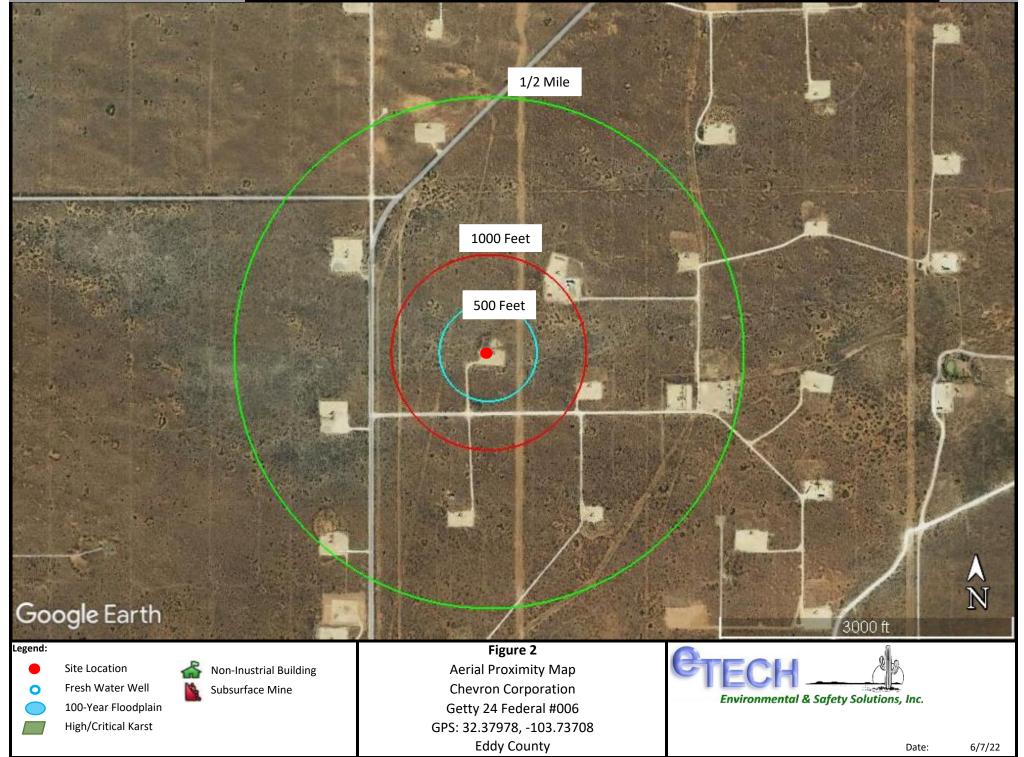
Chevron Corporation 6301 Deauville Blvd. Midland, Texas 79706

Copy 4: Etech Environmental & Safety Solutions, Inc.

P.O. Box 62228

Midland, Texas 79711

## **FIGURES**







Site Location

**USGS Water Well** 

### Figure 3

USGS Well Proximity Map **Chevron Corporation** Getty 24 Federal #006 GPS: 32.37978, -103.73708 **Eddy County** 



Date:

6/7/22



### **TABLES**

TABLE 1

#### CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

### **CHEVRON CORPORATION**

Getty 24 Federal #006
EDDY COUNTY, NEW MEXICO
All concentrations are reported in mg/Kg

		TH SAMPLE DATE BENZENE	METHODS: SW 846-8021B				METHOD: SW 8015M				E 300.0			
SAMPLE LOCATION	DEPTH		TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C <sub>6</sub> -C <sub>12</sub>	TPH DRO C <sub>12</sub> -C <sub>28</sub>	TPH ORO C <sub>28</sub> -C <sub>35</sub>	TOTAL TPH C <sub>6</sub> -C <sub>35</sub>	CHLORIDE	
NMOCD :	RRAL		10 mg/Kg						50 mg/Kg				100 mg/Kg	600 mg/Kg
Bottom Hole 1	5'	5/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.4
Bottom Hole 2	5'	5/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.2
Bottom Hole 3	1.5'	5/9/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	158
Bottom Hole 4	1.5'	5/9/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	264
Bottom Hole 5	1.5'	5/10/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	165
Bottom Hole 6	1.5'	5/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	216
Bottom Hole 7	5'	5/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.8
Bottom Hole 8	1.5'	5/10/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	219
Bottom Hole 9	1.5'	5/10/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	71.4
Bottom Hole 10	1.5'	5/10/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	71.9
Bottom Hole 11	1'	5/9/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	219
Bottom Hole 12	1'	5/9/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	74.8
Bottom Hole 13	1'	5/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	284
Bottom Hole 14	1'	5/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	306
Bottom Hole 15	1'	5/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	130
Bottom Hole 16	1'	5/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	242
North Sidewall 1	-	5/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	186
North Sidewall 2	-	5/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.8
East Sidewall	-	5/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	372
South Sidewall 1	-	5/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	55.6	ND	55.6	49.1
South Sidewall 2	-	5/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	218
West Sidewall	-	5/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	277

Bold and Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit

ND - Analyte Not Detected at or above the laboratory reporting limit

<sup>\*\* -</sup> Sample area was eliminated during further excavation activities.

### **APPENDICES**

Appendix C – Release Notification and Corrective Action (Form C-141)

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	nAPP2208247093
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					(assigned by OCD)			
Contact mail	ing address:	: 6301 Deauville H	Blvd Midland, Tx	79706	1				
			Location	n of R	elease S	ource			
Latitude 32.3	79730					-103.736657			
			(NAD 83 in a	decimal de	grees to 5 deci	mal places)			
Site Name: G	etty 24 Fed	#006			Site Type:	Oil			
Date Release	Discovered	: 3-14-22			API# (if ap	plicable)			
			1						
Unit Letter	Section	Township	Range		Cou	nty			
Е	24	22S	31E	Eddy	<b>/</b>				
Surface Owne	r: State		ribal Drivate	(Nama:		)			
Surface Owne	i State	Z rederar r	moar riivate	(Ivame.					
			Nature an	nd Vol	lume of	Release			
	Materia	al(s) Released (Select a	all that apply and attac	ch calculat	ions or specific	c justification for the volumes provided below)			
Crude Oi		Volume Release			1	Volume Recovered (bbls) .56			
Produced	Water	Volume Release	ed (bbls) 6.17			Volume Recovered (bbls) 5.44			
		Is the concentra produced water	tion of dissolved >10,000 mg/l?	chloride	e in the	Yes No			
Condensa	ite	Volume Release				Volume Recovered (bbls)			
Natural C	das	Volume Release	ed (Mcf)			Volume Recovered (Mcf)			
Other (describe) Volume/Weight Released (provide units)				S) Volume/Weight Recovered (provide units)					
Cause of Rel	ease: Stuffir	ng Box Leak							

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District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	sible party consider this a major release?
☐ Yes ⊠ No		
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
	Initial Ro	esponse
The responsible	party must undertake the following actions immediatel	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	ave been contained via the use of berms or d	ikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and	l managed appropriately.
If all the actions describe	d above have <u>not</u> been undertaken, explain v	vhy:
Per 10 15 20 8 R (A) NIM	AC the responsible party may commence re	emediation immediately after discovery of a release. If remediation
has begun, please attach	a narrative of actions to date. If remedial	efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.
		pest of my knowledge and understand that pursuant to OCD rules and
		ications and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have
		at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Amy Barn	hill	Title: Water Specialist
Signature:	J. Driee	Date: 3-23-22
email: ABarnhill@chevro	on.com	Telephone: 432-687-7108
OCD Only		
Received by:		Date:

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Application ID	

# **Spill Calculations:**

All volumes in following table in barrels									
	Standing		dimensions /	Oil	Water				
Area	Liquid	In Soil	shape	Volume	Volume				
1	0.28	0	60x3	0.02	1.8				
2	5.41	0	168x7	0.54	4.37				
3									
4									
5									
6									
7									
8									
			Total Fluid	0.56	6.17				
_ Fluid Recovered	Oil Volume	Wa	ter						
			0.56	6.	17				

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### **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?	(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?		
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	☐ Yes ☐ No	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.		
Characterization Report Checklist: Each of the following items must be included in the report.		
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.  Field data  Data table of soil contaminant concentration data  Depth to water determination  Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release  Boring or excavation logs  Photographs including date and GIS information  Topographic/Aerial maps  Laboratory data including chain of custody		

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

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Printed Name:	Title:	
Signature: Thile	Date: 6-15-22	
email:	Telephone:	
OCD Only		
Received by:	Date:	

Appendix B – Photographic Documentation

**Project Name:** Getty 24 Federal #006

Project No: 15914

Photo No:

**Direction Taken:** 

East

Description:

View during assessment event.



Photo No: 2.

**Direction Taken:** 

West

Description:

View during assessment event.



Project Name: Getty 24 Federal #006

Project No: 15914

# Photo No:

### **Direction Taken:**

North

### Description:

View during assessment event.



# Photo No:

### Direction Taken:

South

### Description:

View during assessment event.



Project Name: Getty 24 Federal #006

Project No: 15914

# Photo No: 5.

### **Direction Taken:**

West

### Description:

View during excavation activities.



### Photo No:

6.

### **Direction Taken:**

Northwest

### Description:

View during excavation activities.



Project Name: Getty 24 Federal #006

Project No: 15914

# Photo No: 7.

Direction Taken:

North North-West

### Description:

View of excavation off the caliche pad.



### Photo No:

8.

### **Direction Taken:**

Northeast

### Description:

View during excavation activities.



Project Name: Getty 24 Federal #006

Project No: 15914

Photo No: 9.

**Direction Taken:** 

West

Description:

View following backfill.



Photo No: 10.

**Direction Taken:** 

Northwest

Description:

View following backfill.



Project Name: Getty 24 Federal #006

Project No: 15914

Photo No: 11.

**Direction Taken:** 

East

Description:

View during backfill.



Photo No: 12.

**Direction Taken:** 

Northeast

Description:

View following backfill.



 $Appendix \ E-Depth \ to \ Groundwater \ Information$ 

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# New Mexico Office of the State Engineer **Wells with Well Log Information**

No wells found.

**UTMNAD83 Radius Search (in meters):** 

**Easting (X):** 618799.28 Northing (Y): 3583233.69 Radius: 804

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.

6/7/22 12:55 PM WELLS WITH WELL LOG INFORMATION Page 1 of 1



**Driller License:** 

# New Mexico Office of the State Engineer

# **Point of Diversion Summary**

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

WHITE DRILLING COMPANY

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng NA C 04144 POD1

X

07 22S 32E 620240 3585844

**Driller Company:** 

1456 **Driller Name:** ATKINS., WILLIAM B.

**Drill Start Date:** 01/29/2018 **Drill Finish Date:** 01/30/2018 **Plug Date:** 

Log File Date: **PCW Rcv Date:** 02/15/2018 Source: Shallow

**Pump Type:** Pipe Discharge Size: **Estimated Yield:** 

**Casing Size:** 2.00 Depth Well: 58 feet Depth Water: 49 feet

Water Bearing Stratifications: **Bottom Description** 42 Sandstone/Gravel/Conglomerate 54 Sandstone/Gravel/Conglomerate Shale/Mudstone/Siltstone 56 **Casing Perforations:** Top **Bottom** 38 58

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.

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POINT OF DIVERSION SUMMARY

Appendix F – Analytical Reports

# **Environment Testing America**

# **ANALYTICAL REPORT**

Eurofins Midland 1211 W. Florida Ave Midland, TX 79701 Tel: (432)704-5440

Laboratory Job ID: 880-14744-1

Laboratory Sample Delivery Group: 15914 Client Project/Site: Getty 24 Fed #006

For:

Etech Environmental & Safety Solutions PO BOX 62228 Midland, Texas 79711

Attn: Brandon Wilson

MRAMER

Authorized for release by: 5/20/2022 1:18:22 PM

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Client: Etech Environmental & Safety Solutions Project/Site: Getty 24 Fed #006 Laboratory Job ID: 880-14744-1 SDG: 15914

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### **Definitions/Glossary**

Job ID: 880-14744-1 Client: Etech Environmental & Safety Solutions Project/Site: Getty 24 Fed #006 SDG: 15914

#### **Qualifiers**

Qualifier	Qualifier Description
*_	LCS and/or LCSD is outside acceptance limits, low biased.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

#### **GC Semi VOA**

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Indicates the analyte was analyzed for but not detected.

### HPLC/IC

Qualifier **Qualifier Description** 

U Indicates the analyte was analyzed for but not detected.

### **Glossary**

Abbreviation These commonly used abbreviations may or may not be present in this report.

¤ Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid CFU Colony Forming Unit CNF Contains No Free Liquid

Duplicate Error Ratio (normalized absolute difference) DER

Dil Fac **Dilution Factor** 

Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number MOI Method Quantitation Limit

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present **Practical Quantitation Limit PQL** 

**PRES** Presumptive **Quality Control** QC

Relative Error Ratio (Radiochemistry) **RER** 

Reporting Limit or Requested Limit (Radiochemistry) RL

**RPD** Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) **TEQ** 

**TNTC** Too Numerous To Count

**Eurofins Midland** 

#### Case Narrative

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Job ID: 880-14744-1

**Laboratory: Eurofins Midland** 

Narrative

Job Narrative 880-14744-1

#### Receipt

The samples were received on 5/12/2022 12:57 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.6°C

#### **GC VOA**

Method 8021B: Surrogate recovery for the following sample was outside control limits: Bottom Hole 6 (880-14744-6). Evidence of matrix interferences is not obvious.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-25651 and analytical batch 880-25672 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### GC Semi VOA

Method 8015MOD NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-25475 and analytical batch 880-25490 was outside control limits. Sample matrix interference is suspected.

Method 8015MOD\_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-25531 and analytical batch 880-25492 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

**Client Sample ID: Bottom Hole 1** 

Date Collected: 05/11/22 12:00 Date Received: 05/12/22 12:57

Sample Depth: 5'

Lab Sample ID: 880-14744-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 15:49	
Toluene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 15:49	•
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 15:49	•
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/16/22 15:39	05/17/22 15:49	
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 15:49	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/16/22 15:39	05/17/22 15:49	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	94		70 - 130				05/16/22 15:39	05/17/22 15:49	
1,4-Difluorobenzene (Surr)	104		70 - 130				05/16/22 15:39	05/17/22 15:49	
- Method: Total BTEX - Total BTE)	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/17/22 17:12	-
Analyte Total TPH	Result < 50.0	Qualifier U		MDL	Unit mg/Kg	D	Prepared	Analyzed 05/16/22 11:36	Dil Fa
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 11:36	
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte									
		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<b>Result</b> <50.0		<b>RL</b> 50.0	MDL	mg/Kg	<u>D</u>	Prepared 05/12/22 16:32	<b>Analyzed</b> 05/13/22 13:05	
		U F2		MDL		<u> </u>			
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0	U F2	50.0	MDL	mg/Kg	<u>D</u>	05/12/22 16:32	05/13/22 13:05	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 <50.0	U F2 U	50.0	MDL	mg/Kg	<u> </u>	05/12/22 16:32 05/12/22 16:32	05/13/22 13:05 05/13/22 13:05	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 <50.0 <50.0	U F2 U	50.0 50.0 50.0	MDL	mg/Kg	<u>D</u>	05/12/22 16:32 05/12/22 16:32 05/12/22 16:32	05/13/22 13:05 05/13/22 13:05 05/13/22 13:05	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate	<50.0 <50.0 <50.0 %Recovery	U F2 U	50.0 50.0 50.0 <i>Limits</i>	MDL	mg/Kg	<u> </u>	05/12/22 16:32 05/12/22 16:32 05/12/22 16:32 Prepared	05/13/22 13:05 05/13/22 13:05 05/13/22 13:05 Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	<50.0 <50.0 <50.0 <b>%Recovery</b> 94 92	U F2 U U Qualifier	50.0 50.0 50.0 <b>Limits</b> 70 - 130	MDL	mg/Kg	<u>D</u>	05/12/22 16:32 05/12/22 16:32 05/12/22 16:32 Prepared 05/12/22 16:32	05/13/22 13:05 05/13/22 13:05 05/13/22 13:05 Analyzed 05/13/22 13:05	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane o-Terphenyl	<50.0 <50.0 <50.0 <50.0  %Recovery 94 92  omatography -	U F2 U U Qualifier	50.0 50.0 50.0 <b>Limits</b> 70 - 130	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	05/12/22 16:32 05/12/22 16:32 05/12/22 16:32 Prepared 05/12/22 16:32	05/13/22 13:05 05/13/22 13:05 05/13/22 13:05 Analyzed 05/13/22 13:05	Dil Fac

**Client Sample ID: Bottom Hole 2** 

Date Collected: 05/11/22 12:02

Date Received: 05/12/22 12:57

Sample Depth: 5'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/16/22 15:39	05/17/22 16:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/16/22 15:39	05/17/22 16:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/16/22 15:39	05/17/22 16:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/16/22 15:39	05/17/22 16:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/16/22 15:39	05/17/22 16:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/16/22 15:39	05/17/22 16:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				05/16/22 15:39	05/17/22 16:10	1

**Eurofins Midland** 

Lab Sample ID: 880-14744-2

**Matrix: Solid** 

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Client Sample ID: Bottom Hole 2

Date Collected: 05/11/22 12:02 Date Received: 05/12/22 12:57

Sample Depth: 5'

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Lab Sample ID: 880-14744-3

Matrix: Solid

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery Qu	ualifier Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	106	70 - 130	05/16/22 15:39	05/17/22 16:10	1

Mothod	<b>Total BTEX</b>	Total B	TEV Ca	loulation
wetnoa:	TOTAL BIEN	Total 🗖		liculation

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398 U	0.00398	ma/Ka			05/17/22 17:12	1

Method:	2015 NM	- Diasal	Range	Organics	(DRO) (	GC

Analyte	Result Qualifie	r RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 U	49.9	mg/Kg			05/16/22 11:36	1

Method: 8015B	NM - Diesel	Range Ord	anics	(DRO)	(GC)
motilioa. oo lob	THE DIGGGE	Trainge Oit	garnos	(5.10)	100)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 14:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 14:12	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	76Recovery Qualifier	LIIIIII	riepareu	Allalyzeu	DII Fac
1-Chlorooctane	96	70 - 130	05/12/22 16:3	05/13/22 14:12	1
o-Terphenyl	95	70 - 130	05/12/22 16:3	2 05/13/22 14:12	1
_					

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.2	4.95	mg/Kg			05/17/22 07:02	1

**Client Sample ID: Bottom Hole 3** 

Date Collected: 05/09/22 13:04

Date Received: 05/12/22 12:57

Sample Depth: 1.5'

Mathadi 0004D	Valatile Overen	ic Compounds (GC)
Memoo: Auzib	- voianie Urdan	ic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 16:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 16:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 16:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/16/22 15:39	05/17/22 16:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 16:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/16/22 15:39	05/17/22 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				05/16/22 15:39	05/17/22 16:30	1
1,4-Difluorobenzene (Surr)	109		70 - 130				05/16/22 15:39	05/17/22 16:30	1

Method: Tot	al RTFY -	Total RTFY	Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	P	repared	Analyzed	Dil Fac
Total BTEX	< 0.00399	U	0.00399		ma/Ka				05/17/22 17:12	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			05/16/22 11:36	1

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

**Client Sample ID: Bottom Hole 3** 

Date Collected: 05/09/22 13:04 Date Received: 05/12/22 12:57 Lab Sample ID: 880-14744-3

Lab Sample ID: 880-14744-4

Matrix: Solid

Matrix: Solid

Sample Depth: 1.5'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 14:34	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 14:34	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 14:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				05/12/22 16:32	05/13/22 14:34	1
o-Terphenyl	93		70 - 130				05/12/22 16:32	05/13/22 14:34	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
			5.04		mg/Kg			05/17/22 07:11	

Client Sample ID: Bottom Hole 4

Date Collected: 05/09/22 13:25

Date Received: 05/12/22 12:57

Sample Depth: 1.5'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/16/22 15:39	05/17/22 16:51	1
Toluene	< 0.00199	U	0.00199		mg/Kg		05/16/22 15:39	05/17/22 16:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/16/22 15:39	05/17/22 16:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/16/22 15:39	05/17/22 16:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/16/22 15:39	05/17/22 16:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/16/22 15:39	05/17/22 16:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				05/16/22 15:39	05/17/22 16:51	1
1,4-Difluorobenzene (Surr)	108		70 - 130				05/16/22 15:39	05/17/22 16:51	1
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/17/22 17:12	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/16/22 11:36	1
Method: 8015B NM - Diesel Rang	je Organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 14:56	1
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 14:56	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 14:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				05/12/22 16:32	05/13/22 14:56	1
o-Terphenyl	93		70 - 130				05/12/22 16:32	05/13/22 14:56	1

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Client Sample ID: Bottom Hole 4

Date Collected: 05/09/22 13:25 Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-4

Matrix: Solid

Sample Depth: 1.5'

Method: 300.0 - Anions, Ion Chrom	atography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	264		4.98		mg/Kg			05/17/22 07:21	1

**Client Sample ID: Bottom Hole 5** Lab Sample ID: 880-14744-5 Matrix: Solid

Date Collected: 05/10/22 12:00

Date Received: 05/12/22 12:57

Sample Depth: 1.5'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 17:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 17:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 17:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/16/22 15:39	05/17/22 17:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 17:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/16/22 15:39	05/17/22 17:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				05/16/22 15:39	05/17/22 17:12	1
1,4-Difluorobenzene (Surr)	109		70 - 130				05/16/22 15:39	05/17/22 17:12	1
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/17/22 17:12	1
Method: 8015 NM - Diesel Range	•	, , ,							
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 11:36	1
Method: 8015B NM - Diesel Rang	je Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 15:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 15:19	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				05/12/22 16:32	05/13/22 15:19	1
o-Terphenyl	100		70 - 130				05/12/22 16:32	05/13/22 15:19	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Client Sample ID: Bottom Hole 6

Date Collected: 05/11/22 12:10 Date Received: 05/12/22 12:57

Sample Depth: 1.5'

_ab	Sampl	e ID	: 88	0-147	<b>744-6</b>
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**Matrix: Solid** 

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 17:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 17:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 17:33	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/16/22 15:39	05/17/22 17:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 17:33	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/16/22 15:39	05/17/22 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				05/16/22 15:39	05/17/22 17:33	1
1,4-Difluorobenzene (Surr)	45	S1-	70 - 130				05/16/22 15:39	05/17/22 17:33	1
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/17/22 17:12	1
Method: 8015 NM - Diesel Range	e Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/16/22 11:36	1
Method: 8015B NM - Diesel Ran	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 15:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 15:41	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 15:41	1

70 - 130

70 - 130

RL

4.99

MDL Unit

mg/Kg

Result Qualifier

98 93

216

Client Sample ID: Bottom Hole 7

Method: 300.0 - Anions, Ion Chromatography - Soluble

Date Collected: 05/11/22 12:15 Date Received: 05/12/22 12:57

Sample Depth: 5'

o-Terphenyl

Analyte

Chloride

1-Chlorooctane

Lab Sample I	D: 880-14744-7
	Marketon On U.S.

05/13/22 15:41

05/13/22 15:41

Analyzed

05/17/22 07:58

05/12/22 16:32

05/12/22 16:32

Prepared

D

**Matrix: Solid** 

Dil Fac

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/16/22 15:39	05/17/22 17:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/16/22 15:39	05/17/22 17:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/16/22 15:39	05/17/22 17:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/16/22 15:39	05/17/22 17:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/16/22 15:39	05/17/22 17:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/16/22 15:39	05/17/22 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				05/16/22 15:39	05/17/22 17:53	1

SDG: 15914

Client Sample ID: Bottom Hole 7

Date Collected: 05/11/22 12:15 Date Received: 05/12/22 12:57

Sample Depth: 5'

Lab Sample ID: 880-14744-7

Lab Sample ID: 880-14744-8

Matrix: Solid

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1.4-Difluorobenzene (Surr)	106	70 - 130	05/16/22 15:39	05/17/22 17:53	1

Method: '	Total B	TFX - T	Total F	RTFX (	Calculation
					- aioaiatioii

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg		_	05/17/22 17:12	1

Method: 8015 NM	- Diesel Rand	ne Organics	(DRO)	(GC)

Analyte	Result	Qualifier	RL		Jnit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0	n	na/Ka			05/16/22 11:36	1	

		_			
Method: 8015B	NM - Diesel	Range Org	ranics (	'DROL	GC
motriou. ou rob	THE DIGGOL	itunge or	garnoo (	D. (O)	( <b>–</b>

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 16:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 16:04	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 16:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

			-1	. ,
1-Chlorooctane	98	70 - 130	05/12/22 16:32	05/13/22 16:04
o-Terphenyl	93	70 - 130	05/12/22 16:32	05/13/22 16:04

Method: 300.0 - Anions, Ion Chromatograp	ohy	- :	Sol	uble	
	_		_		

Analyte	Result	Qualifier	RL	MDL	Unit	D	)	Prepared	Analyzed	Dil Fac
Chloride	10.8		4.98		mg/Kg				05/17/22 08:07	1

**Client Sample ID: Bottom Hole 8** 

Date Collected: 05/10/22 12:05

Date Received: 05/12/22 12:57

Sample Depth: 1.5'

Mothod: 9021D	Volatile Organie	Compounds (GC)
I WIELIIOU. OUZ ID '	- voiatile Organic	Compounds (GC)

moundair colline congression		()							
Analyte	Result	Qualifier	RL	MDL U	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	n	mg/Kg		05/16/22 15:39	05/17/22 18:14	1
Toluene	<0.00201	U	0.00201	n	mg/Kg		05/16/22 15:39	05/17/22 18:14	1
Ethylbenzene	<0.00201	U	0.00201	n	mg/Kg		05/16/22 15:39	05/17/22 18:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	n	mg/Kg		05/16/22 15:39	05/17/22 18:14	1
o-Xylene	<0.00201	U	0.00201	n	mg/Kg		05/16/22 15:39	05/17/22 18:14	1
Xylenes, Total	<0.00402	U	0.00402	n	mg/Kg		05/16/22 15:39	05/17/22 18:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				05/16/22 15:39	05/17/22 18:14	1
1,4-Difluorobenzene (Surr)	104		70 - 130				05/16/22 15:39	05/17/22 18:14	1

Mothod:	Total	DTEV	Total	DTEV	Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00402	U	0.00402		ma/Ka		· ·	05/17/22 17:12	1

N/I - 4 I-	I. OO4 F NINA	D:I D		: (DDA	1/001
IVIATO	od: 8015 NM	- I IIASAI R	anno Urna	inice ii iki i	1/(=(.)

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			05/16/22 11:36	1

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

**Client Sample ID: Bottom Hole 8** 

Date Collected: 05/10/22 12:05 Date Received: 05/12/22 12:57

Sample Depth: 1.5'

Lab Sample ID: 880-14744-8

Lab Sample ID: 880-14744-9

Matrix: Solid

Matrix: Solid

Method: 8015B NM - Diesel Rang	e Organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 16:26	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 16:26	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				05/12/22 16:32	05/13/22 16:26	1
o-Terphenyl	90		70 - 130				05/12/22 16:32	05/13/22 16:26	1
- Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	219		5.04		mg/Kg			05/17/22 08:16	1

**Client Sample ID: Bottom Hole 9** 

Date Collected: 05/10/22 09:45

Date Received: 05/12/22 12:57

Sample Depth: 1.5'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 18:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 18:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 18:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/16/22 15:39	05/17/22 18:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 18:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/16/22 15:39	05/17/22 18:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				05/16/22 15:39	05/17/22 18:35	1
1,4-Difluorobenzene (Surr)	107		70 - 130				05/16/22 15:39	05/17/22 18:35	1
Method: Total BTEX - Total BTEX	( Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/17/22 17:12	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/16/22 11:36	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 16:47	1
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 16:47	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				05/12/22 16:32	05/13/22 16:47	1
o-Terphenyl	93		70 - 130				05/12/22 16:32	05/13/22 16:47	1

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

**Client Sample ID: Bottom Hole 9** 

Date Collected: 05/10/22 09:45

Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-9

Matrix: Solid

Sample Depth: 1.5'

Method: 300.0 - Anions, Ion Chroma	tography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.4		4.98		mg/Kg			05/17/22 08:25	1

**Client Sample ID: Bottom Hole 10** Lab Sample ID: 880-14744-10 **Matrix: Solid** 

Date Collected: 05/10/22 09:30 Date Received: 05/12/22 12:57

**Method: Total BTEX - Total BTEX Calculation** 

Sample Depth: 1.5'

Analyte

(GRO)-C6-C10

Diesel Range Organics (Over

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/20/22 09:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/20/22 09:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/20/22 09:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/19/22 12:37	05/20/22 09:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/20/22 09:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/19/22 12:37	05/20/22 09:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				05/19/22 12:37	05/20/22 09:25	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/19/22 12:37	05/20/22 09:25	1

Total BTEX	<0.00400	U	0.00400		mg/Kg			05/17/22 17:12	1
Method: 8015 NM - Diesel Ran	ge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 11:36	1
Method: 8015B NM - Diesel Ra	nge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 17:10	1

MDL Unit

mg/Kg

Prepared

05/12/22 16:32

Analyzed

05/13/22 17:10

Result Qualifier

<50.0 U

C10-C28) Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg	05/12/22 16:32	05/13/22 17:10	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130		05/12/22 16:32	05/13/22 17:10	1
o-Terphenyl	90		70 - 130		05/12/22 16:32	05/13/22 17:10	1

50.0

Method: 300.0 - Anions, Ion Chroma	atography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.9		4.99		mg/Kg			05/17/22 08:34	1

**Eurofins Midland** 

Dil Fac

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Client Sample ID: Bottom Hole 11

Date Collected: 05/09/22 16:00 Date Received: 05/12/22 12:57

Sample Depth: 1'

Lab Sample	ID:	88	0-	14	47	44	-11	
						_		

**Matrix: Solid** 

Method: 8021B - Volatile Organ		•				_			
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199		0.00199		mg/Kg		05/16/22 15:39	05/17/22 20:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/16/22 15:39	05/17/22 20:20	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		05/16/22 15:39	05/17/22 20:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/16/22 15:39	05/17/22 20:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/16/22 15:39	05/17/22 20:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/16/22 15:39	05/17/22 20:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				05/16/22 15:39	05/17/22 20:20	1
1,4-Difluorobenzene (Surr)	109		70 - 130				05/16/22 15:39	05/17/22 20:20	1
- Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/17/22 17:12	1
Analyte		Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/16/22 11:36	1
- Method: 8015B NM - Diesel Ran	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 17:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 17:53	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				05/12/22 16:32	05/13/22 17:53	1
o-Terphenyl	99		70 - 130				05/12/22 16:32	05/13/22 17:53	1
_									
Method: 300.0 - Anions, Ion Chi	romatography -	Soluble							

Client Sample ID: Bottom Hole 12

Date Collected: 05/09/22 14:30 Date Received: 05/12/22 12:57

Sample Depth: 1'

Chloride

Lab Sample	ID: 880-14744-12
	Matrix: Solid

05/17/22 08:44

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/16/22 15:39	05/17/22 20:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/16/22 15:39	05/17/22 20:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/16/22 15:39	05/17/22 20:41	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/16/22 15:39	05/17/22 20:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/16/22 15:39	05/17/22 20:41	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/16/22 15:39	05/17/22 20:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				05/16/22 15:39	05/17/22 20:41	1

4.97

mg/Kg

219

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

**Client Sample ID: Bottom Hole 12** 

Date Collected: 05/09/22 14:30

Date Received: 05/12/22 12:57 Sample Depth: 1'

Lab Sample ID: 880-14744-12

Lab Sample ID: 880-14744-13

**Matrix: Solid** 

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery Qualifie	er Limits	Prepared	Analyzed	Dil Fac
1.4-Difluorobenzene (Surr)	110	70 - 130	05/16/22 15:39	05/17/22 20:41	1

**Method: Total BTEX - Total BTEX Calculation** 

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403 U	0.00403	ma/Ka			05/17/22 17:12	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	•	•	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH			<50.0	U	50.0		ma/Ka			05/16/22 11:36	1	

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 18:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 18:15	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95	70 - 130	05/12/22 16:	32 05/13/22 18:15	1
o-Terphenyl	98	70 - 130	05/12/22 16:	32 05/13/22 18:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.8	5.00	mg/Kg			05/17/22 09:11	1

Client Sample ID: Bottom Hole 13

Date Collected: 05/11/22 12:20

Date Received: 05/12/22 12:57

Sample Depth: 1'

Method: 8021B -	Volatile	Organic (	Compounds (GC)	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 21:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 21:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 21:01	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/16/22 15:39	05/17/22 21:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 21:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/16/22 15:39	05/17/22 21:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				05/16/22 15:39	05/17/22 21:01	1
1,4-Difluorobenzene (Surr)	108		70 - 130				05/16/22 15:39	05/17/22 21:01	1

Method:	Total RTF	X - Total RTFX	Calculation

Analyte	Result	Qualifier	KL	MDL	Unit	ט	repared	Analyzed	DII Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/17/22 17:12	1

	Method: 8015 NM - Diesel	Range Organics (DRO	) (GC)
ı	Michiga. 00 to Min - Diese	i italige Organics (Dito	, (00)

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			05/16/22 11:36	1

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

**Client Sample ID: Bottom Hole 13** 

Date Collected: 05/11/22 12:20 Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-13

Lab Sample ID: 880-14744-14

Matrix: Solid

Sample Depth: 1'

Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 18:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 18:37	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				05/12/22 16:32	05/13/22 18:37	1
o-Terphenyl	105		70 - 130				05/12/22 16:32	05/13/22 18:37	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	284		5.01		mg/Kg			05/17/22 09:21	1

Client Sample ID: Bottom Hole 14

Date Collected: 05/11/22 12:25

Date Received: 05/12/22 12:57

Sample Depth: 1'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/16/22 15:39	05/17/22 21:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/16/22 15:39	05/17/22 21:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/16/22 15:39	05/17/22 21:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/16/22 15:39	05/17/22 21:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/16/22 15:39	05/17/22 21:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/16/22 15:39	05/17/22 21:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				05/16/22 15:39	05/17/22 21:22	1
1,4-Difluorobenzene (Surr)	109		70 - 130				05/16/22 15:39	05/17/22 21:22	1
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/17/22 17:12	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 11:36	1
Method: 8015B NM - Diesel Rang	je Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 18:59	1
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 18:59	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				05/12/22 16:32	05/13/22 18:59	1
o-Terphenyl	99		70 - 130				05/12/22 16:32	05/13/22 18:59	1

**Eurofins Midland** 

**Matrix: Solid** 

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Client Sample ID: Bottom Hole 14

Date Collected: 05/11/22 12:25

Lab Sample ID: 880-14744-14

Date Received: 05/12/22 12:57

Matrix: Solid

Sample Depth: 1'

Method: 300.0 - Anions, Ion Chroma	tography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	306		4.99		mg/Kg			05/17/22 09:48	1

**Client Sample ID: Bottom Hole 15** Lab Sample ID: 880-14744-15

Date Collected: 05/11/22 12:30

**Matrix: Solid** 

Date Received: 05/12/22 12:57

Sample Depth: 1'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00202	U	0.00202		mg/Kg		05/16/22 15:39	05/17/22 21:43	
Toluene	<0.00202	U	0.00202		mg/Kg		05/16/22 15:39	05/17/22 21:43	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/16/22 15:39	05/17/22 21:43	
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/16/22 15:39	05/17/22 21:43	
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/16/22 15:39	05/17/22 21:43	
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/16/22 15:39	05/17/22 21:43	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	100		70 - 130				05/16/22 15:39	05/17/22 21:43	
1,4-Difluorobenzene (Surr)	108		70 - 130				05/16/22 15:39	05/17/22 21:43	
Method: Total BTEX - Total BTE	K Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/17/22 17:12	
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.9	U	49.9		mg/Kg			05/16/22 11:36	
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 19:21	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 19:21	
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 16:32	05/13/22 19:21	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	104		70 - 130				05/12/22 16:32	05/13/22 19:21	

Analyzed 05/17/22 09:58

RL

4.98

MDL Unit

mg/Kg

D

Prepared

Dil Fac

Analyte

Chloride

Method: 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

130

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Client Sample ID: Bottom Hole 16

Date Collected: 05/11/22 12:35 Date Received: 05/12/22 12:57

Sample Depth: 1'

Lab Sample ID: 880-14744-16

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/16/22 15:39	05/17/22 22:04	
Toluene	<0.00202	U	0.00202		mg/Kg		05/16/22 15:39	05/17/22 22:04	•
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/16/22 15:39	05/17/22 22:04	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/16/22 15:39	05/17/22 22:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/16/22 15:39	05/17/22 22:04	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/16/22 15:39	05/17/22 22:04	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				05/16/22 15:39	05/17/22 22:04	1
1,4-Difluorobenzene (Surr)	109		70 - 130				05/16/22 15:39	05/17/22 22:04	1
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/17/22 17:12	1
Method: 8015 NM - Diesel Range	•		DI.	MDI	11-:4	Б	Drawavad	Analysis	Dil Fa
_	•		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH	•	Qualifier	RL 49.8	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 05/16/22 11:36	
Analyte		Qualifier U		MDL		<u>D</u>	Prepared		
Analyte Total TPH	Result <49.8  ge Organics (Dige Result	Qualifier U RO) (GC) Qualifier	49.8	MDL	mg/Kg	<u>D</u>	Prepared	05/16/22 11:36  Analyzed	1
Analyte Total TPH  Method: 8015B NM - Diesel Ran	Result <49.8  ge Organics (Di	Qualifier U RO) (GC) Qualifier	49.8		mg/Kg		<u> </u>	05/16/22 11:36	Dil Fac
Analyte Total TPH  Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.8  ge Organics (Dige Result	Qualifier U  RO) (GC) Qualifier U	49.8		mg/Kg		Prepared	05/16/22 11:36  Analyzed	Dil Fac
Analyte Total TPH  Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10	Result <49.8  ge Organics (Di Result <49.8	Qualifier U  RO) (GC) Qualifier U	49.8 RL 49.8		mg/Kg  Unit mg/Kg		Prepared 05/12/22 16:32	05/16/22 11:36  Analyzed  05/13/22 19:43	Dil Fac
Analyte Total TPH  Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result   <49.8	Qualifier U  RO) (GC) Qualifier U  U	49.8  RL 49.8  49.8		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 05/12/22 16:32 05/12/22 16:32	05/16/22 11:36  Analyzed  05/13/22 19:43  05/13/22 19:43	Dil Fac
Analyte Total TPH  Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result   <49.8	Qualifier U  RO) (GC) Qualifier U  U	49.8 RL 49.8 49.8 49.8		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 05/12/22 16:32 05/12/22 16:32	05/16/22 11:36  Analyzed 05/13/22 19:43 05/13/22 19:43	Dil Fac
Analyte Total TPH  Method: 8015B NM - Diesel Randanalyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate	Result   <49.8	Qualifier U  RO) (GC) Qualifier U  U	49.8 RL 49.8 49.8 49.8 Limits		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 05/12/22 16:32 05/12/22 16:32 05/12/22 16:32 Prepared	Analyzed  05/13/22 19:43  05/13/22 19:43  05/13/22 19:43  Analyzed	Dil Fac
Analyte Total TPH  Method: 8015B NM - Diesel Randanalyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	Result   <49.8	Qualifier U  RO) (GC) Qualifier U  U  Qualifier	49.8  RL 49.8  49.8  49.8  49.8  Limits 70 - 130		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 05/12/22 16:32 05/12/22 16:32 05/12/22 16:32  Prepared 05/12/22 16:32	05/16/22 11:36  Analyzed 05/13/22 19:43  05/13/22 19:43  Analyzed 05/13/22 19:43	Dil Fac
Analyte Total TPH  Method: 8015B NM - Diesel Ran Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane o-Terphenyl	Result   <49.8	Qualifier U  RO) (GC) Qualifier U  U  Qualifier	49.8  RL 49.8  49.8  49.8  49.8  Limits 70 - 130		mg/Kg  Unit mg/Kg  mg/Kg  mg/Kg		Prepared 05/12/22 16:32 05/12/22 16:32 05/12/22 16:32  Prepared 05/12/22 16:32	05/16/22 11:36  Analyzed 05/13/22 19:43  05/13/22 19:43  Analyzed 05/13/22 19:43	Dil Fac

Method: 8021B - Volatile Organic Compounds (GC)

Client Sample ID: North Sidewall 1

Date Collected: 05/11/22 12:40

Date Received: 05/12/22 12:57

Analyte Result Qualifier RL MDL Unit D Prepared Dil Fac Analyzed Benzene <0.00200 U 0.00200 mg/Kg 05/16/22 15:39 05/17/22 22:25 Toluene <0.00200 U 0.00200 mg/Kg 05/16/22 15:39 05/17/22 22:25 Ethylbenzene <0.00200 U 0.00200 mg/Kg 05/16/22 15:39 05/17/22 22:25 m-Xylene & p-Xylene <0.00401 U 0.00401 mg/Kg 05/16/22 15:39 05/17/22 22:25 <0.00200 U 0.00200 05/17/22 22:25 o-Xylene mg/Kg 05/16/22 15:39 <0.00401 U 0.00401 05/16/22 15:39 05/17/22 22:25 Xylenes, Total mg/Kg %Recovery Qualifier Limits Surrogate Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 95 70 - 130 05/16/22 15:39 05/17/22 22:25

**Eurofins Midland** 

05/17/22 22:25

**Matrix: Solid** 

Lab Sample ID: 880-14744-17

05/16/22 15:39

70 - 130

105

1,4-Difluorobenzene (Surr)

3

4

6

8

10

12

1 3

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Client Sample ID: North Sidewall 1

Date Collected: 05/11/22 12:40 Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-17

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/17/22 17:12	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 11:36	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 20:04	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 20:04	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 20:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				05/12/22 16:32	05/13/22 20:04	1
o-Terphenyl	88		70 - 130				05/12/22 16:32	05/13/22 20:04	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	186		5.00		mg/Kg			05/17/22 10:16	

Client Sample ID: North Sidewall 2

Date Collected: 05/11/22 12:45

Date Received: 05/12/22 12:57

Lab Sample II	D: 880-14744-18
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**Matrix: Solid** 

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 22:46	
Toluene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 22:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 22:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/16/22 15:39	05/17/22 22:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 22:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/16/22 15:39	05/17/22 22:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				05/16/22 15:39	05/17/22 22:46	1
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total BT			70 - 130				05/16/22 15:39	05/17/22 22:46	
• ' '	EX Calculation	Qualifier	70 - 130  RL 0.00399	MDL	Unit mg/Kg	<u>D</u>	05/16/22 15:39 Prepared	05/17/22 22:46  Analyzed  05/17/22 17:12	Dil Fac
Method: Total BTEX - Total BT Analyte	TEX Calculation Result <0.00399  age Organics (DR	U	RL			<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX  Method: 8015 NM - Diesel Ran	TEX Calculation Result <0.00399  age Organics (DR	U O) (GC) Qualifier	RL		mg/Kg		Prepared	Analyzed 05/17/22 17:12	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX  Method: 8015 NM - Diesel Ran Analyte	TEX Calculation Result <0.00399  age Organics (DR) Result <49.9	U O) (GC) Qualifier U	RL		mg/Kg		Prepared	Analyzed 05/17/22 17:12 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX  Method: 8015 NM - Diesel Ran Analyte Total TPH  Method: 8015B NM - Diesel Ran	rex Calculation Result <0.00399  age Organics (DR) Result <49.9  ange Organics (D	U O) (GC) Qualifier U	RL		mg/Kg  Unit mg/Kg		Prepared	Analyzed 05/17/22 17:12 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX  Method: 8015 NM - Diesel Ran Analyte Total TPH	rex Calculation Result <0.00399  age Organics (DR) Result <49.9  ange Organics (D	O) (GC) Qualifier U  RO) (GC) Qualifier	RL 0.00399 RL 49.9	MDL	mg/Kg  Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 05/17/22 17:12  Analyzed 05/16/22 11:36	Dil Fac

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Client Sample ID: North Sidewall 2

Date Collected: 05/11/22 12:45 Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-18

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/12/22 16:32	05/13/22 20:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130			05/12/22 16:32	05/13/22 20:26	1
o-Terphenyl	84		70 - 130			05/12/22 16:32	05/13/22 20:26	1

Method: 300.0 - Anions, Ion Chroma	tography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.8		5.00		mg/Kg			05/17/22 10:25	1

Client Sample ID: East Sidewall

Date Collected: 05/11/22 12:50

Date Received: 05/12/22 12:57

Lab	Sample	ID:	880-14744-19
			Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC) Result Qualifier Dil Fac Analyte MDL Unit Prepared Analyzed Benzene <0.00199 U 0.00199 05/16/22 15:39 05/17/22 23:06 mg/Kg Toluene <0.00199 U 0.00199 05/16/22 15:39 05/17/22 23:06 mg/Kg Ethylbenzene <0.00199 U 0.00199 mg/Kg 05/16/22 15:39 05/17/22 23:06 <0.00398 U m-Xylene & p-Xylene 0.00398 05/16/22 15:39 05/17/22 23:06 mg/Kg o-Xylene <0.00199 U 0.00199 mg/Kg 05/16/22 15:39 05/17/22 23:06 Xylenes, Total <0.00398 U 0.00398 mg/Kg 05/16/22 15:39 05/17/22 23:06

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	05/16/22 15:39	05/17/22 23:06	1
1,4-Difluorobenzene (Surr)	107		70 - 130	05/16/22 15:39	05/17/22 23:06	1

Method: Total BTEX - Total BTEX C	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/17/22 17:12	1

Method: 8015 NM - Diesel Range O	rganics (DRC	)) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 11:36	1
_									
Method: 8015B NM - Diesel Range	Organics (DF	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Analyte Total TPH  Method: 8015B NM - Diesel Range	Analyte Result Total TPH <50.0  Method: 8015B NM - Diesel Range Organics (DR	Total TPH <50.0 U  Method: 8015B NM - Diesel Range Organics (DRO) (GC)	Analyte Result Qualifier RL Total TPH <50.0 U 50.0  Method: 8015B NM - Diesel Range Organics (DRO) (GC)	Analyte Result Qualifier RL MDL Total TPH < 50.0 U 50.0  Method: 8015B NM - Diesel Range Organics (DRO) (GC)	Analyte Result Qualifier RL MDL Unit Total TPH <50.0 U 50.0 MDL mg/Kg  Method: 8015B NM - Diesel Range Organics (DRO) (GC)	Analyte Result Qualifier RL MDL Unit D Solution Total TPH Solution	Analyte Result Qualifier RL MDL Unit DV Prepared  Total TPH <50.0 U 50.0 D Prepared  Method: 8015B NM - Diesel Range Organics (DRO) (GC)	Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Total TPH < 50.0 U 50.0 mg/Kg D 05/16/22 11:36  Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	KL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 20:47	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 20:47	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 20:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				05/12/22 16:32	05/13/22 20:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	372		5.04		mg/Kg			05/17/22 10:34	1

70 - 130

78

**Eurofins Midland** 

05/13/22 20:47

05/12/22 16:32

o-Terphenyl

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1 SDG: 15914

Client Sample ID: South Sidewall 1

Date Collected: 05/11/22 12:55 Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-20

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/16/22 15:39	05/17/22 23:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/16/22 15:39	05/17/22 23:27	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/16/22 15:39	05/17/22 23:27	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/16/22 15:39	05/17/22 23:27	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/16/22 15:39	05/17/22 23:27	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/16/22 15:39	05/17/22 23:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				05/16/22 15:39	05/17/22 23:27	1
1,4-Difluorobenzene (Surr)	105		70 - 130				05/16/22 15:39	05/17/22 23:27	1
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total TPH  Method: 8015B NM - Diesel Rang	55.6	Qualifier RO) (GC)	RL	MDL	mg/Kg	<u>D</u>	Prepared	<b>Analyzed</b> 05/16/22 11:36	Dil Fac
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 21:08	
									1
Diesel Range Organics (Over C10-C28)	55.6		50.0		mg/Kg		05/12/22 16:32	05/13/22 21:08	
	<b>55.6</b> <50.0	U	50.0 50.0		mg/Kg mg/Kg		05/12/22 16:32 05/12/22 16:32	05/13/22 21:08 05/13/22 21:08	1
C10-C28)									1
C10-C28) Oll Range Organics (Over C28-C36)	<50.0		50.0				05/12/22 16:32	05/13/22 21:08	1 1 <i>Dil Fac</i>
C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<50.0		50.0 <i>Limit</i> s				05/12/22 16:32  Prepared	05/13/22 21:08  Analyzed	1 1 Dil Fac
C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	<50.0 **Recovery 89 90	Qualifier	50.0  Limits  70 - 130				05/12/22 16:32  Prepared  05/12/22 16:32	05/13/22 21:08  Analyzed  05/13/22 21:08	1 1 Dil Fac
C10-C28) Oll Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane o-Terphenyl	<50.0  **Recovery  89  90  omatography -	Qualifier	50.0  Limits  70 - 130	MDL		D	05/12/22 16:32  Prepared  05/12/22 16:32	05/13/22 21:08  Analyzed  05/13/22 21:08	1 1 1 1 Dil Fac

Client Sample ID: South Sidewall 2

Date Collected: 05/11/22 13:00

Date Received: 05/12/22 12:57

Lab Sample ID:	880-14744-21

**Matrix: Solid** 

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/16/22 15:49	05/17/22 23:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/16/22 15:49	05/17/22 23:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/16/22 15:49	05/17/22 23:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/16/22 15:49	05/17/22 23:59	1
o-Xylene	<0.00201	U *-	0.00201		mg/Kg		05/16/22 15:49	05/17/22 23:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/16/22 15:49	05/17/22 23:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				05/16/22 15:49	05/17/22 23:59	1
1,4-Difluorobenzene (Surr)	102		70 - 130				05/16/22 15:49	05/17/22 23:59	1

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Client Sample ID: South Sidewall 2

Date Collected: 05/11/22 13:00 Date Received: 05/12/22 12:57 Lab Sample ID: 880-14744-21

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/17/22 17:12	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/16/22 11:36	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U *1	49.9		mg/Kg		05/13/22 11:17	05/13/22 23:45	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		05/13/22 11:17	05/13/22 23:45	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/13/22 11:17	05/13/22 23:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				05/13/22 11:17	05/13/22 23:45	1
o-Terphenyl	98		70 - 130				05/13/22 11:17	05/13/22 23:45	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	218	-	4.95		mg/Kg			05/17/22 15:07	

**Client Sample ID: West Sidewall** 

Date Collected: 05/11/22 13:05

Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-22

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/16/22 15:49	05/18/22 00:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/16/22 15:49	05/18/22 00:20	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		05/16/22 15:49	05/18/22 00:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/16/22 15:49	05/18/22 00:20	1
o-Xylene	< 0.00199	U *-	0.00199		mg/Kg		05/16/22 15:49	05/18/22 00:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/16/22 15:49	05/18/22 00:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
15 7 1 (0 )	105		70 - 130				05/16/22 15:49	05/18/22 00:20	1
4-Bromofluorobenzene (Surr)	100								
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total BT	102 EX Calculation		70 - 130			_	05/16/22 15:49	05/18/22 00:20	
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total BT Analyte	EX Calculation Result	Qualifier	RL	MDL	Unit	<u>D</u>	05/16/22 15:49 Prepared	Analyzed	
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total BT Analyte  Total BTEX	TEX Calculation Result <0.00398	U		MDL	Unit mg/Kg	<u>D</u>			
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total BT Analyte  Total BTEX  Method: 8015 NM - Diesel Ran	TEX Calculation Result <0.00398  ge Organics (DR	U (GC)	RL0.00398		mg/Kg	=	Prepared	Analyzed 05/17/22 17:12	Dil Fac
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total BT Analyte  Total BTEX  Method: 8015 NM - Diesel Ran Analyte	TEX Calculation Result <0.00398  ge Organics (DR) Result	U O) (GC) Qualifier			mg/Kg	<u>D</u>		Analyzed 05/17/22 17:12 Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total BT Analyte  Total BTEX  Method: 8015 NM - Diesel Ran	TEX Calculation Result <0.00398  ge Organics (DR	U O) (GC) Qualifier	RL0.00398		mg/Kg	=	Prepared	Analyzed 05/17/22 17:12	Dil Fac
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total BT Analyte  Total BTEX  Method: 8015 NM - Diesel Ran Analyte	TEX Calculation Result <0.00398  ge Organics (DR) Result <50.0	O) (GC) Qualifier U			mg/Kg	=	Prepared	Analyzed 05/17/22 17:12 Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total BT Analyte  Total BTEX  Method: 8015 NM - Diesel Ran Analyte  Total TPH	TEX Calculation Result <0.00398  ge Organics (DR) Result <50.0  inge Organics (Dl)	O) (GC) Qualifier U			mg/Kg  Unit mg/Kg	=	Prepared	Analyzed 05/17/22 17:12 Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)  Method: Total BTEX - Total BT Analyte  Total BTEX  Method: 8015 NM - Diesel Ran Analyte  Total TPH  Method: 8015B NM - Diesel Ran Method: 8015B NM - Diesel Ran	TEX Calculation Result <0.00398  ge Organics (DR) Result <50.0  inge Organics (Dl)	O) (GC) Qualifier U  RO) (GC) Qualifier	RL 0.00398 RL 50.0	MDL	mg/Kg  Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 05/17/22 17:12  Analyzed 05/16/22 11:36	Dil Fac

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

**Client Sample ID: West Sidewall** 

Date Collected: 05/11/22 13:05 Date Received: 05/12/22 12:57 Lab Sample ID: 880-14744-22

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/13/22 11:17	05/14/22 00:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				05/13/22 11:17	05/14/22 00:06	1
o-Terphenyl	99		70 - 130				05/13/22 11:17	05/14/22 00:06	

Method: 300.0 - Anions, Ion Chron	natography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	277		4.99		mg/Kg			05/17/22 15:35	1

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## **Surrogate Summary**

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-14744-1	Bottom Hole 1	94	104	
880-14744-1 MS	Bottom Hole 1	96	103	
880-14744-1 MSD	Bottom Hole 1	104	104	
880-14744-2	Bottom Hole 2	95	106	
880-14744-3	Bottom Hole 3	104	109	
880-14744-4	Bottom Hole 4	98	108	
880-14744-5	Bottom Hole 5	101	109	
880-14744-6	Bottom Hole 6	99	45 S1-	
880-14744-7	Bottom Hole 7	99	106	
880-14744-8	Bottom Hole 8	101	104	
880-14744-9	Bottom Hole 9	99	107	
880-14744-10	Bottom Hole 10	117	96	
880-14744-11	Bottom Hole 11	91	109	
880-14744-12	Bottom Hole 12	96	110	
880-14744-13	Bottom Hole 13	93	108	
880-14744-14	Bottom Hole 14	97	109	
880-14744-15	Bottom Hole 15	100	108	
880-14744-16	Bottom Hole 16	100	109	
880-14744-17	North Sidewall 1	95	105	
880-14744-18	North Sidewall 2	100	109	
880-14744-19	East Sidewall	100	107	
880-14744-20	South Sidewall 1	94	105	
880-14744-21	South Sidewall 2	102	102	
880-14744-21 MS	South Sidewall 2	101	102	
880-14744-21 MSD	South Sidewall 2	105	102	
880-14744-22	West Sidewall	105	102	
880-14972-A-1-E MS	Matrix Spike	110	92	
880-14972-A-1-F MSD	Matrix Spike Duplicate	109	92	
LCS 880-25649/1-A	Lab Control Sample	100	103	
LCS 880-25651/1-A	Lab Control Sample	99	103	
LCS 880-25903/1-A	Lab Control Sample	107	91	
LCSD 880-25649/2-A	Lab Control Sample Dup	104	104	
LCSD 880-25651/2-A	Lab Control Sample Dup	95	101	
LCSD 880-25903/2-A	Lab Control Sample Dup	114	91	
MB 880-25649/5-A	Method Blank	98	98	
MB 880-25651/5-A	Method Blank	97	99	
	MICHIOG DIGITA	31	33	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate	e Recovery (Acce
		1CO1	OTPH1		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		
880-14735-A-3-C MS	Matrix Spike	86	83		
880-14735-A-3-D MSD	Matrix Spike Duplicate	83	80		

**Eurofins Midland** 

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# **Surrogate Summary**

Client: Etech Environmental & Safety Solutions

Job ID: 880-14744-1

Project/Site: Getty 24 Fed #006

SDG: 15914

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Reco	
		1001	OTPH1		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		
880-14744-1	Bottom Hole 1	94	92		
880-14744-1 MS	Bottom Hole 1	91	76		
880-14744-1 MSD	Bottom Hole 1	101	83		
880-14744-2	Bottom Hole 2	96	95		
880-14744-3	Bottom Hole 3	91	93		
880-14744-4	Bottom Hole 4	91	93		
880-14744-5	Bottom Hole 5	97	100		
880-14744-6	Bottom Hole 6	98	93		
880-14744-7	Bottom Hole 7	98	93		
880-14744-8	Bottom Hole 8	94	90		
880-14744-9	Bottom Hole 9	96	93		
880-14744-10	Bottom Hole 10	95	90		
880-14744-11	Bottom Hole 11	96	99		
880-14744-12	Bottom Hole 12	95	98		
880-14744-13	Bottom Hole 13	101	105		
880-14744-14	Bottom Hole 14	106	99		
880-14744-15	Bottom Hole 15	104	102		
880-14744-16	Bottom Hole 16	119	115		
880-14744-17	North Sidewall 1	98	88		
880-14744-18	North Sidewall 2	88	84		
880-14744-19	East Sidewall	85	78		
880-14744-20	South Sidewall 1	89	90		
880-14744-21	South Sidewall 2	94	98		
880-14744-22	West Sidewall	94	99		
LCS 880-25475/2-A	Lab Control Sample	106	97		
LCS 880-25531/2-A	Lab Control Sample	108	108		
LCSD 880-25475/3-A	Lab Control Sample Dup	112	98		
LCSD 880-25531/3-A	Lab Control Sample Dup	105	108		
MB 880-25475/1-A	Method Blank	105	109		
MB 880-25531/1-A	Method Blank	102	108		
Surrogate Legend					

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

## Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-25649/5-A

Lab Sample ID: LCS 880-25649/1-A

Lab Sample ID: LCSD 880-25649/2-A

**Matrix: Solid** 

**Analysis Batch: 25726** 

**Matrix: Solid** Analysis Batch: 25726 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25649

ı		MB	MB							
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Benzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 15:27	1
	Toluene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 15:27	1
	Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 15:27	1
	m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/16/22 15:39	05/17/22 15:27	1
	o-Xylene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:39	05/17/22 15:27	1
	Xylenes, Total	< 0.00400	U	0.00400		mg/Kg		05/16/22 15:39	05/17/22 15:27	1

MB MB

Surrogate	%Recovery Qual	lifier Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98	70 - 130	05/16/22 15:39	05/17/22 15:27	1
1,4-Difluorobenzene (Surr)	98	70 - 130	05/16/22 15:39	05/17/22 15:27	1

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA

Prep Batch: 25649

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1061 mg/Kg 106 70 - 130 Toluene 0.100 0.1042 mg/Kg 104 70 - 130 0.100 0.09234 Ethylbenzene mg/Kg 92 70 - 130 0.200 0.1943 97 70 - 130 m-Xylene & p-Xylene mg/Kg 0.100 0.09742 70 - 130 o-Xylene mg/Kg

LCS LCS

Surrogate	%Recovery Qualif	ier Limits
4-Bromofluorobenzene (Surr)	100	70 - 130
1,4-Difluorobenzene (Surr)	103	70 - 130

**Client Sample ID: Lab Control Sample Dup** 

Prep Type: Total/NA

Prep Batch: 25649

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1077		mg/Kg		108	70 - 130	1	35	
Toluene	0.100	0.1046		mg/Kg		105	70 - 130	0	35	
Ethylbenzene	0.100	0.09280		mg/Kg		93	70 - 130	0	35	
m-Xylene & p-Xylene	0.200	0.1955		mg/Kg		98	70 - 130	1	35	
o-Xylene	0.100	0.09826		mg/Kg		98	70 - 130	1	35	

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	104	70 - 130
1,4-Difluorobenzene (Surr)	104	70 - 130

Lab Sample ID: 880-14744-1 MS

**Matrix: Solid** 

**Matrix: Solid** 

Analysis Batch: 25726

Analysis Batch: 25726

Client Sample ID: Bottom Hole 1

Prep Type: Total/NA

Prep Batch: 25649

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.0996	0.08877		mg/Kg		89	70 - 130	
Toluene	<0.00200	U	0.0996	0.08757		mg/Kg		88	70 - 130	

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-14744-1 MS

Lab Sample ID: 880-14744-1 MSD

**Matrix: Solid** 

**Matrix: Solid** 

Analysis Batch: 25726

Client Sample ID: Bottom Hole 1

Prep Type: Total/NA

Prep Batch: 25649

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00200	U	0.0996	0.07663		mg/Kg		77	70 - 130	
m-Xylene & p-Xylene	<0.00399	U	0.199	0.1605		mg/Kg		81	70 - 130	
o-Xylene	<0.00200	U	0.0996	0.07996		mg/Kg		80	70 - 130	

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	96	70 - 130
1.4-Difluorobenzene (Surr)	103	70 - 130

Client Sample ID: Bottom Hole 1

Prep Type: Total/NA

Prep Batch: 25649

**Analysis Batch: 25726** Sample Sample Spike MSD MSD Result Qualifier Added Result Qualifier RPD Limit Analyte Unit %Rec Limits 0.0992 Benzene <0.00200 U 0.09952 mg/Kg 100 70 - 130 11 35 Toluene <0.00200 U 0.0992 0.09714 mg/Kg 98 70 - 130 10 35 Ethylbenzene <0.00200 U 0.0992 0.08557 mg/Kg 86 70 - 130 11 35 <0.00399 U 0.198 0.1782 70 - 130 35 m-Xylene & p-Xylene mg/Kg 90 10 0.0992 o-Xylene <0.00200 U 0.08925 90 70 - 130 11 mg/Kg

MSD MSD

Surrogate	%Recovery Qua	lifier Limits
4-Bromofluorobenzene (Surr)	104	70 - 130
1,4-Difluorobenzene (Surr)	104	70 - 130

Lab Sample ID: MB 880-25651/5-A

**Matrix: Solid** 

Analysis Batch: 25672

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25651

		МВ	MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:49	05/17/22 23:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:49	05/17/22 23:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:49	05/17/22 23:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/16/22 15:49	05/17/22 23:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/16/22 15:49	05/17/22 23:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/16/22 15:49	05/17/22 23:30	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97	70 - 130	05/16/22 15:49	05/17/22 23:30	1
1.4-Difluorobenzene (Surr)	99	70 - 130	05/16/22 15:49	05/17/22 23:30	1

Lab Sample ID: LCS 880-25651/1-A

**Matrix: Solid** 

Analysis Batch: 25672

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25651

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08852		mg/Kg		89	70 - 130	
Toluene	0.100	0.08022		mg/Kg		80	70 - 130	
Ethylbenzene	0.100	0.09027		mg/Kg		90	70 - 130	
m-Xylene & p-Xylene	0.200	0.1609		mg/Kg		80	70 - 130	

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-25651/1-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA Analysis Batch: 25672 Prep Batch: 25651

	<b>Spike</b>	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
o-Xylene	0.100	0.07864		mg/Kg		79	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-25651/2-A **Client Sample ID: Lab Control Sample Dup** 

**Matrix: Solid** Prep Type: Total/NA Analysis Batch: 25672 Prep Batch: 25651

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.07903		mg/Kg		79	70 - 130	11	35
Toluene	0.100	0.07166		mg/Kg		72	70 - 130	11	35
Ethylbenzene	0.100	0.07996		mg/Kg		80	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1426		mg/Kg		71	70 - 130	12	35
o-Xylene	0.100	0.06940	*-	mg/Kg		69	70 - 130	12	35
-									

o-Xylene			0.100	0.06940 *-	mg/Kg
	LCSD	LCSD			
Surrogate	%Recovery	Qualifier	Limits		
4-Bromofluorobenzene (Surr)	95		70 - 130		
1,4-Difluorobenzene (Surr)	101		70 - 130		

102

Lab Sample ID: 880-14744-21 MS Client Sample ID: South Sidewall 2 Matrix: Solid Prep Type: Total/NA

Analysis Batch: 25672 Prep Batch: 25651

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U	0.101	0.09729		mg/Kg		97	70 - 130	
Toluene	<0.00201	U	0.101	0.08762		mg/Kg		87	70 - 130	
Ethylbenzene	<0.00201	U	0.101	0.09883		mg/Kg		98	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1736		mg/Kg		86	70 - 130	
o-Xylene	<0.00201	U *-	0.101	0.08291		mg/Kg		82	70 - 130	

o-Xylene	<0.00201	U *-	0.101	0.08291	mg/Kg	82	70 -
	MS	MS					
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	101		70 - 130				

70 - 130

Client Sample ID: South Sidewall 2 Lab Sample ID: 880-14744-21 MSD

**Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 25672** Prep Batch: 25651

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U	0.100	0.09933	-	mg/Kg		99	70 - 130	2	35
Toluene	<0.00201	U	0.100	0.09045		mg/Kg		90	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.100	0.1007		mg/Kg		101	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1779		mg/Kg		89	70 - 130	2	35
o-Xylene	<0.00201	U *-	0.100	0.08464		mg/Kg		84	70 - 130	2	35

**Eurofins Midland** 

1,4-Difluorobenzene (Surr)

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-14744-21 MSD

**Matrix: Solid** 

Analysis Batch: 25672

Client Sample ID: South Sidewall 2

Prep Type: Total/NA

Prep Batch: 25651

MSD MSD

%Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 105 70 - 130 1,4-Difluorobenzene (Surr) 102 70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25903

Lab Sample ID: MB 880-25903/5-A **Matrix: Solid** 

Analysis Batch: 25817

ı		IVID	IVID							
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Benzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 15:50	1
	Toluene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 15:50	1
	Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 15:50	1
I	m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/19/22 12:37	05/19/22 15:50	1
I	o-Xylene	<0.00200	U	0.00200		mg/Kg		05/19/22 12:37	05/19/22 15:50	1
	Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/19/22 12:37	05/19/22 15:50	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	05/19/22 12:37	05/19/22 15:50	1
1,4-Difluorobenzene (Surr)	92		70 - 130	05/19/22 12:37	05/19/22 15:50	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25903

LCS LCS Spike %Rec Added Result Qualifier Analyte Unit %Rec Limits Benzene 0.100 0.1042 104 70 - 130 mg/Kg Toluene 0.100 0.1063 70 - 130 mg/Kg 106 Ethylbenzene 0.100 0.1097 mg/Kg 110 70 - 130 70 - 130 0.200 0.2229 m-Xylene & p-Xylene mg/Kg 111 o-Xylene 0.100 0.1096 mg/Kg 110 70 - 130

LCS LCS

Surrogate	%Recovery (	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-25903/2-A

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Lab Sample ID: LCS 880-25903/1-A

**Matrix: Solid** 

**Matrix: Solid** 

Analysis Batch: 25817

Analysis Batch: 25817

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25903

	Spike	LCSD LCS	SD			%Rec		RPD
Analyte	Added	Result Qua	alifier Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1091	mg/Kg		109	70 - 130	5	35
Toluene	0.100	0.1134	mg/Kg		113	70 - 130	6	35
Ethylbenzene	0.100	0.1147	mg/Kg		115	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2324	mg/Kg		116	70 - 130	4	35
o-Xylene	0.100	0.1142	mg/Kg		114	70 - 130	4	35

LCSD LCSD

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 114 70 - 130

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-25903/2-A

**Matrix: Solid** 

Analysis Batch: 25817

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25903

LCSD LCSD

Surrogate %Recovery Qualifier Limits 1,4-Difluorobenzene (Surr) 91 70 - 130

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 25903

Lab Sample ID: 880-14972-A-1-E MS

**Matrix: Solid** 

Analysis Batch: 25817

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.0996	0.09708		mg/Kg		97	70 - 130	
Toluene	<0.00200	U	0.0996	0.1026		mg/Kg		102	70 - 130	
Ethylbenzene	<0.00200	U	0.0996	0.09625		mg/Kg		97	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1920		mg/Kg		96	70 - 130	
o-Xylene	<0.00200	U	0.0996	0.08955		mg/Kg		90	70 - 130	

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	110	70 - 130
1,4-Difluorobenzene (Surr)	92	70 - 130

Client Sample ID: Matrix Spike Duplicate

**Matrix: Solid** 

Lab Sample ID: 880-14972-A-1-F MSD

**Analysis Batch: 25817** 

Prep Type: Total/NA

Prep Batch: 25903

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.0994	0.09594		mg/Kg		97	70 - 130	1	35
Toluene	<0.00200	U	0.0994	0.1006		mg/Kg		100	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.0994	0.09655		mg/Kg		97	70 - 130	0	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1940		mg/Kg		98	70 - 130	1	35
o-Xylene	<0.00200	U	0.0994	0.09477		mg/Kg		95	70 - 130	6	35

MSD MSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	109	70 - 130
1,4-Difluorobenzene (Surr)	92	70 - 130

### Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-25475/1-A

**Matrix: Solid** 

Analysis Batch: 25490

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 25475

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 12:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 12:00	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 16:32	05/13/22 12:00	1

мв мв

Surrogate	%Recovery Qเ	ualifier Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105	70 - 130	05/12/22 16:32	05/13/22 12:00	1
o-Terphenyl	109	70 - 130	05/12/22 16:32	05/13/22 12:00	1

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-25475/2-A

Lab Sample ID: LCSD 880-25475/3-A

**Matrix: Solid** 

Analysis Batch: 25490

Prep Type: Total/NA Prep Batch: 25475

Spike LCS LCS Analyte Added Result Qualifier Unit %Rec Limits D Gasoline Range Organics 1000 829.2 mg/Kg 83 70 - 130 (GRO)-C6-C10 1000 Diesel Range Organics (Over 1064 mg/Kg 106 70 - 130 C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	97		70 - 130

Client Sample ID: Lab Control Sample Dup

102

Prep Type: Total/NA

70 - 130

**Client Sample ID: Lab Control Sample** 

Prep Batch: 25475

4

20

**Analysis Batch: 25490** Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits **RPD** Limit 1000 Gasoline Range Organics 837.3 mg/Kg 84 70 - 130 20 (GRO)-C6-C10

1022

mg/Kg

C10-C28)

**Matrix: Solid** 

	LUSD	LUSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	98		70 - 130

100D 100D

Client Sample ID: Bottom Hole 1

1000

Lab Sample ID: 880-14744-1 MS **Matrix: Solid** 

Analysis Batch: 25490

Diesel Range Organics (Over

Prep Type: Total/NA Prep Batch: 25475

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Gasoline Range Organics <50.0 U F2 1000 819.8 79 70 - 130 mg/Kg (GRO)-C6-C10 <50.0 U 1000 856.9 81 70 - 130 Diesel Range Organics (Over mg/Kg C10-C28)

	IVIS	IVIS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 880-14744-1 MSD

**Matrix: Solid** 

**Analysis Batch: 25490** 

Client Sam	ple ID:	<b>Bottom</b>	Hole 1

Prep Type: Total/NA Prep Batch: 25475

MSD MSD RPD Sample Sample Spike %Rec Result Qualifier Result Qualifier %Rec Limit Analyte Added Limits RPD Unit D Gasoline Range Organics <50.0 U F2 998 1102 F2 108 70 - 130 29 20 mg/Kg (GRO)-C6-C10 998 Diesel Range Organics (Over <50.0 U 951.2 mg/Kg 91 70 - 13010 20 C10-C28)

MSD MSD

Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane 101

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-14744-1 MSD

Lab Sample ID: MB 880-25531/1-A

**Matrix: Solid** 

**Matrix: Solid** 

Analysis Batch: 25490

**Analysis Batch: 25492** 

Client Sample ID: Bottom Hole 1

Prep Type: Total/NA

Prep Batch: 25475

MSD MSD

Surrogate %Recovery Qualifier Limits o-Terphenyl 83 70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25531

мв мв Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 mg/Kg 05/13/22 11:17 05/13/22 21:34 (GRO)-C6-C10 50.0 Diesel Range Organics (Over <50.0 U mg/Kg 05/13/22 11:17 05/13/22 21:34 C10-C28) <50.0 U Oll Range Organics (Over C28-C36) 50.0 mg/Kg 05/13/22 11:17 05/13/22 21:34

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	05/13/22 11:1	7 05/13/22 21:34	1
o-Terphenyl	108		70 - 130	05/13/22 11:1	7 05/13/22 21:34	1

**Client Sample ID: Lab Control Sample** 

**Matrix: Solid** 

**Analysis Batch: 25492** 

Lab Sample ID: LCS 880-25531/2-A

Prep Type: Total/NA

Prep Batch: 25531

	<b>Spike</b>	LCS	LUS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	883.9		mg/Kg		88	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1071		mg/Kg		107	70 - 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery Qualifi	er Limits
1-Chlorooctane	108	70 - 130
o-Terphenyl	108	70 - 130

Lab Sample ID: LCSD 880-25531/3-A Client Sample ID: Lab Control Sample Dup

**Matrix: Solid** 

Analysis Batch: 25492

Prep Type: Total/NA

Prep Batch: 25531

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1141	*1	mg/Kg		114	70 - 130	25	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1077		mg/Kg		108	70 - 130	1	20
C10-C28)									

LCSD LCSD

Surrogate	%Recovery (	Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	108		70 - 130

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-14735-A-3-C MS

**Matrix: Solid** 

Analysis Batch: 25492

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 25531 Limits

Sample Sample Spike MS MS Result Qualifier Analyte babbA Result Qualifier Unit %Rec Gasoline Range Organics <50.0 U \*1 1000 817.2 mg/Kg 80 70 - 130 (GRO)-C6-C10 1000 Diesel Range Organics (Over <50.0 U 945.2 mg/Kg 95 70 - 130 C10-C28)

MS MS

%Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 86 o-Terphenyl 83 70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 25531

Lab Sample ID: 880-14735-A-3-D MSD **Matrix: Solid** 

**Analysis Batch: 25492** 

-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	998	812.7		mg/Kg		80	70 - 130	1	20
Diesel Range Organics (Over	<50.0	H	998	917 5		ma/Ka		92	70 - 130	3	20

C10-C28)

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	83		70 - 130
o-Terphenyl	80		70 - 130

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-25454/1-A Client Sample ID: Method Blank

**Matrix: Solid Prep Type: Soluble** 

Analysis Batch: 25618

MB MB

Analyte Result Qualifier MDL Unit Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 05/17/22 06:07 mg/Kg

Lab Sample ID: LCS 880-25454/2-A Client Sample ID: Lab Control Sample **Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 25618

	Spike LC:	5 LU3		%Rec
Analyte	Added Resul	lt Qualifier Unit D	O %Rec	Limits
Chloride	250 248	2 ma/Ka	99	90 110

Lab Sample ID: LCSD 880-25454/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble** 

**Analysis Batch: 25618** 

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	260.6		mg/Kg		104	90 - 110	5	20	

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-14744-1 MS

Client Sample ID: Bottom Hole 1 **Prep Type: Soluble** 

Analysis Batch: 25618

**Matrix: Solid** 

**Matrix: Solid** 

Sample Sample Spike MS MS %Rec Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits Chloride 18.4 250 256.0 mg/Kg 95 90 - 110

Client Sample ID: Bottom Hole 1

**Prep Type: Soluble** 

**Analysis Batch: 25618** 

Lab Sample ID: 880-14744-1 MSD

Sample Sample Spike MSD MSD %Rec RPD Qualifier Added Analyte Result Result Qualifier Unit D %Rec Limits RPD Limit Chloride 18.4 250 257.1 mg/Kg 95 90 - 110 0

Lab Sample ID: 880-14744-11 MS Client Sample ID: Bottom Hole 11

**Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 25618

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 219 462.0 249 mg/Kg 90 - 110

Lab Sample ID: 880-14744-11 MSD Client Sample ID: Bottom Hole 11 **Prep Type: Soluble** 

**Matrix: Solid** 

**Analysis Batch: 25618** 

MSD MSD RPD Spike %Rec Sample Sample Added RPD Limit Analyte Result Qualifier Result Qualifier Unit %Rec Limits Chloride 219 249 453.9 90 - 110 20 mg/Kg

Lab Sample ID: MB 880-25469/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble** 

**Analysis Batch: 25677** 

MR MR

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 5.00 Chloride <5.00 U mg/Kg 05/17/22 11:54

Lab Sample ID: LCS 880-25469/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble** 

**Analysis Batch: 25677** 

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit %Rec Limits Chloride 250 239.4 mg/Kg 90 - 110

Lab Sample ID: LCSD 880-25469/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble** 

**Analysis Batch: 25677** 

LCSD LCSD %Rec RPD Spike Added Result Qualifier Limits RPD Limit Analyte Unit D %Rec Chloride 250 239.4 mg/Kg 96 90 - 110 20

Lab Sample ID: 880-14733-A-14-C MS Client Sample ID: Matrix Spike **Prep Type: Soluble** 

**Matrix: Solid** 

**Analysis Batch: 25677** 

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, , , , , , , , , , , , , , , , , , , ,	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	18.3		249	249.2		mg/Kg		93	90 - 110	

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

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Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-14733-A-14-D MSD

Client Sample ID: Matrix Spike Duplicate

**Prep Type: Soluble** 

Matrix: Solid

Analysis Batch: 25677

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	18.3		249	252.0		mg/Kg		94	90 - 110	1	20

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Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1 SDG: 15914

## **GC VOA**

Prep Batch: 25649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-14744-1	Bottom Hole 1	Total/NA	Solid	5035	
880-14744-2	Bottom Hole 2	Total/NA	Solid	5035	
880-14744-3	Bottom Hole 3	Total/NA	Solid	5035	
880-14744-4	Bottom Hole 4	Total/NA	Solid	5035	
880-14744-5	Bottom Hole 5	Total/NA	Solid	5035	
880-14744-6	Bottom Hole 6	Total/NA	Solid	5035	
880-14744-7	Bottom Hole 7	Total/NA	Solid	5035	
880-14744-8	Bottom Hole 8	Total/NA	Solid	5035	
880-14744-9	Bottom Hole 9	Total/NA	Solid	5035	
880-14744-11	Bottom Hole 11	Total/NA	Solid	5035	
880-14744-12	Bottom Hole 12	Total/NA	Solid	5035	
880-14744-13	Bottom Hole 13	Total/NA	Solid	5035	
880-14744-14	Bottom Hole 14	Total/NA	Solid	5035	
880-14744-15	Bottom Hole 15	Total/NA	Solid	5035	
880-14744-16	Bottom Hole 16	Total/NA	Solid	5035	
880-14744-17	North Sidewall 1	Total/NA	Solid	5035	
880-14744-18	North Sidewall 2	Total/NA	Solid	5035	
880-14744-19	East Sidewall	Total/NA	Solid	5035	
880-14744-20	South Sidewall 1	Total/NA	Solid	5035	
MB 880-25649/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25649/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25649/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-14744-1 MS	Bottom Hole 1	Total/NA	Solid	5035	
880-14744-1 MSD	Bottom Hole 1	Total/NA	Solid	5035	

### Prep Batch: 25651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-21	South Sidewall 2	Total/NA	Solid	5035	
880-14744-22	West Sidewall	Total/NA	Solid	5035	
MB 880-25651/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25651/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25651/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-14744-21 MS	South Sidewall 2	Total/NA	Solid	5035	
880-14744-21 MSD	South Sidewall 2	Total/NA	Solid	5035	

### Analysis Batch: 25672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-21	South Sidewall 2	Total/NA	Solid	8021B	25651
880-14744-22	West Sidewall	Total/NA	Solid	8021B	25651
MB 880-25651/5-A	Method Blank	Total/NA	Solid	8021B	25651
LCS 880-25651/1-A	Lab Control Sample	Total/NA	Solid	8021B	25651
LCSD 880-25651/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25651
880-14744-21 MS	South Sidewall 2	Total/NA	Solid	8021B	25651
880-14744-21 MSD	South Sidewall 2	Total/NA	Solid	8021B	25651

### Analysis Batch: 25726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-1	Bottom Hole 1	Total/NA	Solid	8021B	25649
880-14744-2	Bottom Hole 2	Total/NA	Solid	8021B	25649
880-14744-3	Bottom Hole 3	Total/NA	Solid	8021B	25649
880-14744-4	Bottom Hole 4	Total/NA	Solid	8021B	25649

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## **GC VOA (Continued)**

### **Analysis Batch: 25726 (Continued)**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-5	Bottom Hole 5	Total/NA	Solid	8021B	25649
880-14744-6	Bottom Hole 6	Total/NA	Solid	8021B	25649
880-14744-7	Bottom Hole 7	Total/NA	Solid	8021B	25649
880-14744-8	Bottom Hole 8	Total/NA	Solid	8021B	25649
880-14744-9	Bottom Hole 9	Total/NA	Solid	8021B	25649
880-14744-11	Bottom Hole 11	Total/NA	Solid	8021B	25649
880-14744-12	Bottom Hole 12	Total/NA	Solid	8021B	25649
880-14744-13	Bottom Hole 13	Total/NA	Solid	8021B	25649
880-14744-14	Bottom Hole 14	Total/NA	Solid	8021B	25649
880-14744-15	Bottom Hole 15	Total/NA	Solid	8021B	25649
880-14744-16	Bottom Hole 16	Total/NA	Solid	8021B	25649
880-14744-17	North Sidewall 1	Total/NA	Solid	8021B	25649
880-14744-18	North Sidewall 2	Total/NA	Solid	8021B	25649
880-14744-19	East Sidewall	Total/NA	Solid	8021B	25649
880-14744-20	South Sidewall 1	Total/NA	Solid	8021B	25649
MB 880-25649/5-A	Method Blank	Total/NA	Solid	8021B	25649
LCS 880-25649/1-A	Lab Control Sample	Total/NA	Solid	8021B	25649
LCSD 880-25649/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25649
880-14744-1 MS	Bottom Hole 1	Total/NA	Solid	8021B	25649
880-14744-1 MSD	Bottom Hole 1	Total/NA	Solid	8021B	25649

#### Analysis Batch: 25766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-14744-1	Bottom Hole 1	Total/NA	Solid	Total BTEX	
880-14744-2	Bottom Hole 2	Total/NA	Solid	Total BTEX	
880-14744-3	Bottom Hole 3	Total/NA	Solid	Total BTEX	
880-14744-4	Bottom Hole 4	Total/NA	Solid	Total BTEX	
880-14744-5	Bottom Hole 5	Total/NA	Solid	Total BTEX	
880-14744-6	Bottom Hole 6	Total/NA	Solid	Total BTEX	
880-14744-7	Bottom Hole 7	Total/NA	Solid	Total BTEX	
880-14744-8	Bottom Hole 8	Total/NA	Solid	Total BTEX	
880-14744-9	Bottom Hole 9	Total/NA	Solid	Total BTEX	
880-14744-10	Bottom Hole 10	Total/NA	Solid	Total BTEX	
880-14744-11	Bottom Hole 11	Total/NA	Solid	Total BTEX	
880-14744-12	Bottom Hole 12	Total/NA	Solid	Total BTEX	
880-14744-13	Bottom Hole 13	Total/NA	Solid	Total BTEX	
880-14744-14	Bottom Hole 14	Total/NA	Solid	Total BTEX	
880-14744-15	Bottom Hole 15	Total/NA	Solid	Total BTEX	
880-14744-16	Bottom Hole 16	Total/NA	Solid	Total BTEX	
880-14744-17	North Sidewall 1	Total/NA	Solid	Total BTEX	
880-14744-18	North Sidewall 2	Total/NA	Solid	Total BTEX	
880-14744-19	East Sidewall	Total/NA	Solid	Total BTEX	
880-14744-20	South Sidewall 1	Total/NA	Solid	Total BTEX	
880-14744-21	South Sidewall 2	Total/NA	Solid	Total BTEX	
880-14744-22	West Sidewall	Total/NA	Solid	Total BTEX	

### Analysis Batch: 25817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-10	Bottom Hole 10	Total/NA	Solid	8021B	25903
MB 880-25903/5-A	Method Blank	Total/NA	Solid	8021B	25903
LCS 880-25903/1-A	Lab Control Sample	Total/NA	Solid	8021B	25903

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### **GC VOA (Continued)**

### **Analysis Batch: 25817 (Continued)**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-25903/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25903
880-14972-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	25903
880-14972-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	25903

### Prep Batch: 25903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-10	Bottom Hole 10	Total/NA	Solid	5035	<u> </u>
MB 880-25903/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25903/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25903/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-14972-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-14972-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

### **GC Semi VOA**

### Prep Batch: 25475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-1	Bottom Hole 1	Total/NA	Solid	8015NM Prep	
880-14744-2	Bottom Hole 2	Total/NA	Solid	8015NM Prep	
880-14744-3	Bottom Hole 3	Total/NA	Solid	8015NM Prep	
880-14744-4	Bottom Hole 4	Total/NA	Solid	8015NM Prep	
880-14744-5	Bottom Hole 5	Total/NA	Solid	8015NM Prep	
880-14744-6	Bottom Hole 6	Total/NA	Solid	8015NM Prep	
880-14744-7	Bottom Hole 7	Total/NA	Solid	8015NM Prep	
880-14744-8	Bottom Hole 8	Total/NA	Solid	8015NM Prep	
880-14744-9	Bottom Hole 9	Total/NA	Solid	8015NM Prep	
880-14744-10	Bottom Hole 10	Total/NA	Solid	8015NM Prep	
880-14744-11	Bottom Hole 11	Total/NA	Solid	8015NM Prep	
880-14744-12	Bottom Hole 12	Total/NA	Solid	8015NM Prep	
880-14744-13	Bottom Hole 13	Total/NA	Solid	8015NM Prep	
880-14744-14	Bottom Hole 14	Total/NA	Solid	8015NM Prep	
880-14744-15	Bottom Hole 15	Total/NA	Solid	8015NM Prep	
880-14744-16	Bottom Hole 16	Total/NA	Solid	8015NM Prep	
880-14744-17	North Sidewall 1	Total/NA	Solid	8015NM Prep	
880-14744-18	North Sidewall 2	Total/NA	Solid	8015NM Prep	
880-14744-19	East Sidewall	Total/NA	Solid	8015NM Prep	
880-14744-20	South Sidewall 1	Total/NA	Solid	8015NM Prep	
MB 880-25475/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-25475/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-25475/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-14744-1 MS	Bottom Hole 1	Total/NA	Solid	8015NM Prep	
880-14744-1 MSD	Bottom Hole 1	Total/NA	Solid	8015NM Prep	

### Analysis Batch: 25490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-1	Bottom Hole 1	Total/NA	Solid	8015B NM	25475
880-14744-2	Bottom Hole 2	Total/NA	Solid	8015B NM	25475
880-14744-3	Bottom Hole 3	Total/NA	Solid	8015B NM	25475
880-14744-4	Bottom Hole 4	Total/NA	Solid	8015B NM	25475
880-14744-5	Bottom Hole 5	Total/NA	Solid	8015B NM	25475
880-14744-6	Bottom Hole 6	Total/NA	Solid	8015B NM	25475

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Client: Etech Environmental & Safety Solutions Project/Site: Getty 24 Fed #006

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### **GC Semi VOA (Continued)**

### Analysis Batch: 25490 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-7	Bottom Hole 7	Total/NA	Solid	8015B NM	25475
880-14744-8	Bottom Hole 8	Total/NA	Solid	8015B NM	25475
880-14744-9	Bottom Hole 9	Total/NA	Solid	8015B NM	25475
880-14744-10	Bottom Hole 10	Total/NA	Solid	8015B NM	25475
880-14744-11	Bottom Hole 11	Total/NA	Solid	8015B NM	25475
880-14744-12	Bottom Hole 12	Total/NA	Solid	8015B NM	25475
880-14744-13	Bottom Hole 13	Total/NA	Solid	8015B NM	25475
880-14744-14	Bottom Hole 14	Total/NA	Solid	8015B NM	25475
880-14744-15	Bottom Hole 15	Total/NA	Solid	8015B NM	25475
880-14744-16	Bottom Hole 16	Total/NA	Solid	8015B NM	25475
880-14744-17	North Sidewall 1	Total/NA	Solid	8015B NM	25475
880-14744-18	North Sidewall 2	Total/NA	Solid	8015B NM	25475
880-14744-19	East Sidewall	Total/NA	Solid	8015B NM	25475
880-14744-20	South Sidewall 1	Total/NA	Solid	8015B NM	25475
MB 880-25475/1-A	Method Blank	Total/NA	Solid	8015B NM	25475
LCS 880-25475/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	25475
LCSD 880-25475/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	25475
880-14744-1 MS	Bottom Hole 1	Total/NA	Solid	8015B NM	25475
880-14744-1 MSD	Bottom Hole 1	Total/NA	Solid	8015B NM	25475

#### Analysis Batch: 25492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-21	South Sidewall 2	Total/NA	Solid	8015B NM	25531
880-14744-22	West Sidewall	Total/NA	Solid	8015B NM	25531
MB 880-25531/1-A	Method Blank	Total/NA	Solid	8015B NM	25531
LCS 880-25531/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	25531
LCSD 880-25531/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	25531
880-14735-A-3-C MS	Matrix Spike	Total/NA	Solid	8015B NM	25531
880-14735-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	25531

### Prep Batch: 25531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-21	South Sidewall 2	Total/NA	Solid	8015NM Prep	
880-14744-22	West Sidewall	Total/NA	Solid	8015NM Prep	
MB 880-25531/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-25531/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-25531/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-14735-A-3-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-14735-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

### Analysis Batch: 25621

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-1	Bottom Hole 1	Total/NA	Solid	8015 NM	
880-14744-2	Bottom Hole 2	Total/NA	Solid	8015 NM	
880-14744-3	Bottom Hole 3	Total/NA	Solid	8015 NM	
880-14744-4	Bottom Hole 4	Total/NA	Solid	8015 NM	
880-14744-5	Bottom Hole 5	Total/NA	Solid	8015 NM	
880-14744-6	Bottom Hole 6	Total/NA	Solid	8015 NM	
880-14744-7	Bottom Hole 7	Total/NA	Solid	8015 NM	
880-14744-8	Bottom Hole 8	Total/NA	Solid	8015 NM	
880-14744-9	Bottom Hole 9	Total/NA	Solid	8015 NM	

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1 SDG: 15914

### **GC Semi VOA (Continued)**

### **Analysis Batch: 25621 (Continued)**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-10	Bottom Hole 10	Total/NA	Solid	8015 NM	
880-14744-11	Bottom Hole 11	Total/NA	Solid	8015 NM	
880-14744-12	Bottom Hole 12	Total/NA	Solid	8015 NM	
880-14744-13	Bottom Hole 13	Total/NA	Solid	8015 NM	
880-14744-14	Bottom Hole 14	Total/NA	Solid	8015 NM	
880-14744-15	Bottom Hole 15	Total/NA	Solid	8015 NM	
880-14744-16	Bottom Hole 16	Total/NA	Solid	8015 NM	
880-14744-17	North Sidewall 1	Total/NA	Solid	8015 NM	
880-14744-18	North Sidewall 2	Total/NA	Solid	8015 NM	
880-14744-19	East Sidewall	Total/NA	Solid	8015 NM	
880-14744-20	South Sidewall 1	Total/NA	Solid	8015 NM	
880-14744-21	South Sidewall 2	Total/NA	Solid	8015 NM	
880-14744-22	West Sidewall	Total/NA	Solid	8015 NM	

#### HPLC/IC

### Leach Batch: 25454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-14744-1	Bottom Hole 1	Soluble	Solid	DI Leach	
880-14744-2	Bottom Hole 2	Soluble	Solid	DI Leach	
880-14744-3	Bottom Hole 3	Soluble	Solid	DI Leach	
880-14744-4	Bottom Hole 4	Soluble	Solid	DI Leach	
880-14744-5	Bottom Hole 5	Soluble	Solid	DI Leach	
880-14744-6	Bottom Hole 6	Soluble	Solid	DI Leach	
880-14744-7	Bottom Hole 7	Soluble	Solid	DI Leach	
880-14744-8	Bottom Hole 8	Soluble	Solid	DI Leach	
880-14744-9	Bottom Hole 9	Soluble	Solid	DI Leach	
880-14744-10	Bottom Hole 10	Soluble	Solid	DI Leach	
880-14744-11	Bottom Hole 11	Soluble	Solid	DI Leach	
880-14744-12	Bottom Hole 12	Soluble	Solid	DI Leach	
880-14744-13	Bottom Hole 13	Soluble	Solid	DI Leach	
880-14744-14	Bottom Hole 14	Soluble	Solid	DI Leach	
880-14744-15	Bottom Hole 15	Soluble	Solid	DI Leach	
880-14744-16	Bottom Hole 16	Soluble	Solid	DI Leach	
880-14744-17	North Sidewall 1	Soluble	Solid	DI Leach	
880-14744-18	North Sidewall 2	Soluble	Solid	DI Leach	
880-14744-19	East Sidewall	Soluble	Solid	DI Leach	
MB 880-25454/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-25454/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-25454/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-14744-1 MS	Bottom Hole 1	Soluble	Solid	DI Leach	
880-14744-1 MSD	Bottom Hole 1	Soluble	Solid	DI Leach	
880-14744-11 MS	Bottom Hole 11	Soluble	Solid	DI Leach	
880-14744-11 MSD	Bottom Hole 11	Soluble	Solid	DI Leach	

#### Leach Batch: 25469

Released to Imaging: 8/30/2022 1:06:49 PM

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-20	South Sidewall 1	Soluble	Solid	DI Leach	
880-14744-21	South Sidewall 2	Soluble	Solid	DI Leach	
880-14744-22	West Sidewall	Soluble	Solid	DI Leach	
MB 880-25469/1-A	Method Blank	Soluble	Solid	DI Leach	

# **QC Association Summary**

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1 SDG: 15914

# **HPLC/IC (Continued)**

## Leach Batch: 25469 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-25469/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-25469/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-14733-A-14-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-14733-A-14-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

## Analysis Batch: 25618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-14744-1	Bottom Hole 1	Soluble	Solid	300.0	25454
880-14744-2	Bottom Hole 2	Soluble	Solid	300.0	25454
880-14744-3	Bottom Hole 3	Soluble	Solid	300.0	25454
880-14744-4	Bottom Hole 4	Soluble	Solid	300.0	25454
880-14744-5	Bottom Hole 5	Soluble	Solid	300.0	25454
880-14744-6	Bottom Hole 6	Soluble	Solid	300.0	25454
880-14744-7	Bottom Hole 7	Soluble	Solid	300.0	25454
880-14744-8	Bottom Hole 8	Soluble	Solid	300.0	25454
880-14744-9	Bottom Hole 9	Soluble	Solid	300.0	25454
880-14744-10	Bottom Hole 10	Soluble	Solid	300.0	25454
880-14744-11	Bottom Hole 11	Soluble	Solid	300.0	25454
880-14744-12	Bottom Hole 12	Soluble	Solid	300.0	25454
880-14744-13	Bottom Hole 13	Soluble	Solid	300.0	25454
880-14744-14	Bottom Hole 14	Soluble	Solid	300.0	25454
880-14744-15	Bottom Hole 15	Soluble	Solid	300.0	25454
880-14744-16	Bottom Hole 16	Soluble	Solid	300.0	25454
880-14744-17	North Sidewall 1	Soluble	Solid	300.0	25454
880-14744-18	North Sidewall 2	Soluble	Solid	300.0	25454
880-14744-19	East Sidewall	Soluble	Solid	300.0	25454
MB 880-25454/1-A	Method Blank	Soluble	Solid	300.0	25454
LCS 880-25454/2-A	Lab Control Sample	Soluble	Solid	300.0	25454
LCSD 880-25454/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	25454
880-14744-1 MS	Bottom Hole 1	Soluble	Solid	300.0	25454
880-14744-1 MSD	Bottom Hole 1	Soluble	Solid	300.0	25454
880-14744-11 MS	Bottom Hole 11	Soluble	Solid	300.0	25454
880-14744-11 MSD	Bottom Hole 11	Soluble	Solid	300.0	25454

## Analysis Batch: 25677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14744-20	South Sidewall 1	Soluble	Solid	300.0	25469
880-14744-21	South Sidewall 2	Soluble	Solid	300.0	25469
880-14744-22	West Sidewall	Soluble	Solid	300.0	25469
MB 880-25469/1-A	Method Blank	Soluble	Solid	300.0	25469
LCS 880-25469/2-A	Lab Control Sample	Soluble	Solid	300.0	25469
LCSD 880-25469/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	25469
880-14733-A-14-C MS	Matrix Spike	Soluble	Solid	300.0	25469
880-14733-A-14-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	25469

**Client Sample ID: Bottom Hole 1** 

Date Collected: 05/11/22 12:00 Date Received: 05/12/22 12:57 Lab Sample ID: 880-14744-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 15:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 13:05	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 06:35	CH	XEN MID

Client Sample ID: Bottom Hole 2

Date Collected: 05/11/22 12:02

Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-2

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 16:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 14:12	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 07:02	CH	XEN MID

**Client Sample ID: Bottom Hole 3** 

Date Collected: 05/09/22 13:04

Date Received: 05/12/22 12:57

Lab Sample	ID: 880-14744-3
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**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 16:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 14:34	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 07:11	CH	XEN MID

Client Sample ID: Bottom Hole 4

Released to Imaging: 8/30/2022 1:06:49 PM

Date Collected: 05/09/22 13:25

Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-4
Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 16:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1 SDG: 15914

**Client Sample ID: Bottom Hole 4** 

Date Collected: 05/09/22 13:25 Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 14:56	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 07:21	CH	XEN MID

**Client Sample ID: Bottom Hole 5** 

Date Collected: 05/10/22 12:00

Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-5

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 17:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 15:19	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 07:30	CH	XEN MID

Client Sample ID: Bottom Hole 6

Date Collected: 05/11/22 12:10

Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-6

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 17:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 15:41	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 07:58	CH	XEN MID

Client Sample ID: Bottom Hole 7

Date Collected: 05/11/22 12:15

Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-7 **Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 17:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 16:04	SM	XEN MID

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

SDG: 15914

Job ID: 880-14744-1

**Client Sample ID: Bottom Hole 7** 

Date Collected: 05/11/22 12:15 Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	25454	05/12/22 15:33	СН	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 08:07	CH	XEN MID

**Client Sample ID: Bottom Hole 8** 

Date Collected: 05/10/22 12:05

Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-8

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 18:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 16:26	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 08:16	CH	XEN MID

Client Sample ID: Bottom Hole 9

Date Collected: 05/10/22 09:45

Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-9

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 18:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 16:47	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 08:25	CH	XEN MID

**Client Sample ID: Bottom Hole 10** 

Date Collected: 05/10/22 09:30

Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-10

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	25903	05/19/22 12:37	MR	XEN MID
Total/NA	Analysis	8021B		1			25817	05/20/22 09:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 17:10	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 08:34	CH	XEN MID

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1 SDG: 15914

**Client Sample ID: Bottom Hole 11** 

Date Collected: 05/09/22 16:00 Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-11

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 20:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 17:53	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 08:44	CH	XEN MID

**Client Sample ID: Bottom Hole 12** 

Date Collected: 05/09/22 14:30

Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-12

**Matrix: Solid** 

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 25649 Total/NA 4.96 g 5 mL 05/16/22 15:39 MR XEN MID Total/NA 8021B 5 mL XEN MID Analysis 1 5 mL 25726 05/17/22 20:41 MR Total/NA Total BTEX 25766 05/17/22 17:12 XEN MID Analysis SM 1 Total/NA Analysis 8015 NM 25621 05/16/22 11:36 SM XEN MID Total/NA 25475 XEN MID Prep 8015NM Prep 10.00 g 05/12/22 16:32 DM 10 mL Total/NA Analysis 8015B NM 25490 05/13/22 18:15 SM XEN MID Soluble Leach DI Leach 5 g 50 mL 25454 05/12/22 15:33 CH XEN MID

Client Sample ID: Bottom Hole 13

Analysis

300.0

Date Collected: 05/11/22 12:20

Date Received: 05/12/22 12:57

Soluble

CH

05/17/22 09:11

25618

**Matrix: Solid** 

XEN MID

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 21:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 18:37	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 09:21	CH	XEN MID

**Client Sample ID: Bottom Hole 14** 

Date Collected: 05/11/22 12:25

Date Received: 05/12/22 12:57

Lab Sample	ID: 880-14744-14
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**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 21:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

Client Sample ID: Bottom Hole 14

Date Collected: 05/11/22 12:25 Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-14

Matrix: Solid

SDG: 15914

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 18:59	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 09:48	CH	XEN MID

**Client Sample ID: Bottom Hole 15** Lab Sample ID: 880-14744-15

Date Collected: 05/11/22 12:30

**Matrix: Solid** 

Date Received: 05/12/22 12:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 21:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 19:21	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 09:58	CH	XEN MID

**Client Sample ID: Bottom Hole 16** 

Date Collected: 05/11/22 12:35

Date Received: 05/12/22 12:57

Lah Sam	nla ID:	880-14744-16
Lab Saiii	pie iv.	000-14/44-10

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 22:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 19:43	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 10:07	CH	XEN MID

Client Sample ID: North Sidewall 1

Lab Sample ID: 880-14744-17 Date Collected: 05/11/22 12:40 **Matrix: Solid** 

Date Received: 05/12/22 12:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 22:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.01 g	10 mL	25475 25490	05/12/22 16:32 05/13/22 20:04	DM SM	XEN MID XEN MID

**Eurofins Midland** 

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Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

ah Sampla ID: 880 14744 17

SDG: 15914

Job ID: 880-14744-1

Client Sample ID: North Sidewall 1

Date Collected: 05/11/22 12:40 Date Received: 05/12/22 12:57 Lab Sample ID: 880-14744-17

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 10:16	CH	XEN MID

Client Sample ID: North Sidewall 2

Date Collected: 05/11/22 12:45

Lab Sample ID: 880-14744-18

Matrix: Solid

Date Received: 05/12/22 12:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 22:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 20:26	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 10:25	CH	XEN MID

**Client Sample ID: East Sidewall** 

Date Collected: 05/11/22 12:50

Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-19

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 23:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 20:47	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	25454	05/12/22 15:33	CH	XEN MID
Soluble	Analysis	300.0		1			25618	05/17/22 10:34	CH	XEN MID

**Client Sample ID: South Sidewall 1** 

Date Collected: 05/11/22 12:55

Date Received: 05/12/22 12:57

05/17/22 10:34	СН	XEN MID
Lab Sample	D:	880-14744-20
		Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	25649	05/16/22 15:39	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25726	05/17/22 23:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	25475	05/12/22 16:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25490	05/13/22 21:08	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	25469	05/12/22 16:08	CH	XEN MID
Soluble	Analysis	300.0		1			25677	05/17/22 14:58	CH	XEN MID

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

Client Sample ID: South Sidewall 2

Date Collected: 05/11/22 13:00 Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-21

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	25651	05/16/22 15:49	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25672	05/17/22 23:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25766	05/17/22 17:12	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25621	05/16/22 11:36	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25531	05/13/22 11:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 23:45	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	25469	05/12/22 16:08	CH	XEN MID
Soluble	Analysis	300.0		1			25677	05/17/22 15:07	CH	XEN MID

**Client Sample ID: West Sidewall** 

Date Collected: 05/11/22 13:05

Date Received: 05/12/22 12:57

Lab Sample ID: 880-14744-22

**Matrix: Solid** 

Dil Initial Final Batch Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 5035 25651 Total/NA Prep 5.02 g 5 mL 05/16/22 15:49 MR XEN MID Total/NA 8021B 5 mL 05/18/22 00:20 Analysis 1 5 mL 25672 MR XEN MID Total/NA Total BTEX 25766 05/17/22 17:12 Analysis 1 SM XEN MID Total/NA Analysis 8015 NM 25621 05/16/22 11:36 SM XEN MID Prep 25531 Total/NA 8015NM Prep 10.01 g 10 mL 05/13/22 11:17 DM XEN MID Total/NA Analysis 8015B NM 25492 05/14/22 00:06 SM XEN MID Soluble XEN MID Leach DI Leach 5.01 g 50 mL 25469 05/12/22 16:08 CH Soluble Analysis 300.0 25677 05/17/22 15:35 CH XEN MID

**Laboratory References:** 

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

# **Accreditation/Certification Summary**

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

## **Laboratory: Eurofins Midland**

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	<b>Expiration Date</b>	
Texas	NE	ELAP	T104704400-21-22	06-30-22	
The following analytes the agency does not of	• •	t the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for	
Analysis Method	Prep Method	Matrix	Analyte		
8015 NM		Solid	Total TPH		
Total BTEX		Solid	Total BTEX		

# **Method Summary**

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1

SDG: 15914

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Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

#### **Protocol References:**

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

#### Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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# **Sample Summary**

Client: Etech Environmental & Safety Solutions

Project/Site: Getty 24 Fed #006

Job ID: 880-14744-1 SDG: 15914

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-14744-1	Bottom Hole 1	Solid	05/11/22 12:00	05/12/22 12:57	5'
880-14744-2	Bottom Hole 2	Solid	05/11/22 12:02	05/12/22 12:57	5'
880-14744-3	Bottom Hole 3	Solid	05/09/22 13:04	05/12/22 12:57	1.5'
880-14744-4	Bottom Hole 4	Solid	05/09/22 13:25	05/12/22 12:57	1.5'
880-14744-5	Bottom Hole 5	Solid	05/10/22 12:00	05/12/22 12:57	1.5'
880-14744-6	Bottom Hole 6	Solid	05/11/22 12:10	05/12/22 12:57	1.5'
880-14744-7	Bottom Hole 7	Solid	05/11/22 12:15	05/12/22 12:57	5'
880-14744-8	Bottom Hole 8	Solid	05/10/22 12:05	05/12/22 12:57	1.5'
880-14744-9	Bottom Hole 9	Solid	05/10/22 09:45	05/12/22 12:57	1.5'
880-14744-10	Bottom Hole 10	Solid	05/10/22 09:30	05/12/22 12:57	1.5'
880-14744-11	Bottom Hole 11	Solid	05/09/22 16:00	05/12/22 12:57	1'
880-14744-12	Bottom Hole 12	Solid	05/09/22 14:30	05/12/22 12:57	1'
880-14744-13	Bottom Hole 13	Solid	05/11/22 12:20	05/12/22 12:57	1'
880-14744-14	Bottom Hole 14	Solid	05/11/22 12:25	05/12/22 12:57	1'
880-14744-15	Bottom Hole 15	Solid	05/11/22 12:30	05/12/22 12:57	1'
880-14744-16	Bottom Hole 16	Solid	05/11/22 12:35	05/12/22 12:57	1'
880-14744-17	North Sidewall 1	Solid	05/11/22 12:40	05/12/22 12:57	
880-14744-18	North Sidewall 2	Solid	05/11/22 12:45	05/12/22 12:57	
880-14744-19	East Sidewall	Solid	05/11/22 12:50	05/12/22 12:57	
880-14744-20	South Sidewall 1	Solid	05/11/22 12:55	05/12/22 12:57	
880-14744-21	South Sidewall 2	Solid	05/11/22 13:00	05/12/22 12:57	
880-14744-22	West Sidewall	Solid	05/11/22 13:05	05/12/22 12:57	

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# **Chain of Custody**

Work Order No: \_\_\_

Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334 Midland TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock,TX (806)794-1296

			Hobbs	NM (575-392	2-7550) Phoenix	,AZ (48	0-355-0	900) A	Atlanta (	GA (770	-449-8	800) Ta	ampa FL	. (813	-620-2	000)		www	xenc	o com	ı P	age	1	<u>حـ</u> _of	,
Project Manager	Brandon Wilson Bill to (if different)														Work Order Comments										
Company Name	Etech Environr	nental			Company Na	me									Prog	ram: l	JST/P:						Su	perfund	$\neg$
Address	13000 W CR 1	00			Address							111			1	tate of								portuna	
City, State ZIP	Odessa, Texas	79765			City, State ZI	tate ZIP									Reporting Level III PST/UST TRRP evel IV										
Phone.	432-563-2200			Emai	blake@etec	henv	com	***************************************						7	Deliv	erable	s ED			ADaP	т	Otl	her		
Project Name	Getty 24 Fed #	006		T	urn Around				***********	***********	Δ	JAI V	SIS RE		EST		Y			70 S.W.L.		Work	Orde	r Notes	=
Project Number	15914				tıne	1	Ī .	ľ	ľ	Ī	<u>, , </u>			<u> </u>	- <del></del>	T	7	T	T	T				1 110103	$\dashv$
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Sample Custody Se	als Yes No	N/A	Tota	l Containers		] ह	() ()	)21B	,															recevied by by 4 30pm	the
Sample Ider	ntification	Matrix	Date	Time	T p	Number	TPH (8015M)	BTEX (8021B)	Chlorides															-, . сор	1000
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# **Chain of Custody**

Work Order No: \_\_\_

Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334 Midland TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock TX (806)794-1296

Project Manager   Brandon Wilson   Steel Etech Environmental   Steel Etech Environme	***************************************				Hobbs	NM (575-392	2-7550) Phoenix,	AZ (480	0-355-0	900) A	tlanta (	3A (770	-449-88	300) Ta	mpa F	L (813	-620-	2000)		www	xenco	com	Pageof			
Address	Project Manager	Branc	don Wilso	n			Bill to (if differe	nt)																		
City   State ZIP	Company Name	Etech	Environi	mental			Company Na	me									Pro	gram: l	ST/PS	Т Р	RP 🗆	Brown	fields RRC Superfund	$\Box$		
Project Name	Address	13000	) W CR 1	00			Address											State of	Projec	t:						
Project Name	City, State ZIP	Odes	sa, Texas	79765			City, State ZI	<b>)</b>										<b>→</b>								
Project Number   1591	Phone	432-5	63-2200			Email	l blake@etec	henv d	com								Del	verable	EDD			ADaPT	Γ Other			
PO Number   15914   Sample restrict   Sampler's Name   Blake   Estep   Due Date	Project Name	Getty	24 Fed #	£006		T	urn Around	·	··········		810	***************************************	Al	NALYS	SIS RI	EQUI	EST	·	*****				Work Order Notes			
Sampler Name   Blake   Estep     Due   Date     Sampler Name   Blake   Estep   Due   Date     Sampler Name   Blake   Estep   Due   Date   Due   Date   Dat	Project Number	15914	4			Rou	tine										T		T T			T				
Sample Received Intact.   Yes   No   No   No   No   No   No   No   N	PO Number	15914	4			Rus	h											İ								
Temperature ("C)	Sampler's Name	Blake	Estep			Due	Date																			
Sample   Custody Seals   Yes   No   N/A     Total Containers   Time   Sample   Custody Seals   Yes   No   N/A     Time   Sample   Custody Seals   Yes   Ye	SAMPLE RECE	IPT	Ter	np Blank	Yes No	Wet Ice	Yes No																			
Sample   Custody Seals   Yes   No   N/A     Total Containers   Time   Sample   Custody Seals   Yes   No   N/A     Time   Sample   Custody Seals   Yes   Ye	Temperature (°C)	(°C) Thermometer ID						ners		!											1					
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of service Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated

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# **Chain of Custody**

Work Order No: 14744 Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334

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Project Manager	Brand	on Wilso	n			Bill to (if differe									Ì		· .in		Wo	ork O	rder C	Comments		
Company Name	Etech	Environ	mental			Company Na	me									Progi	am: US	ST/PS				nfields RRC Superfund		
Address	13000	W CR 1	00			Address	dress									State of Project:								
City, State ZIP	Odes	sa, Texas	79765		· · · · · · · · · · · · · · · · · · ·	City, State ZII	5									Repo	ting Le	vel II	Leve	el III	<sup>□</sup> PST	/UST TRRP evel IV		
Phone	432-5	63-2200		blake@etec	henv (	com								Deliverables EDD ADaPT Other						T Other				
Project Name	Getty	24 Fed #	1006		Т	urn Around				······································	<del> </del>	AN	IALY	SIS RE	QUE	ST	· · · · · · · · · · · · · · · · · · ·	·	777	27.57		Work Order Notes		
Project Number	15914				Rou	tine										Ī					T			
PO Number	15914				Rusi	n																		
Sampler's Name	Blake	Estep			Due	Date																		
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Received Intact:																l								
Cooler Custody Seal						Containers (8)																		
Sample Custody Sea	als Yes No N/A Total Container						ō	15M)	0218	ي												TAT starts the day recevied by the lab if received by 4 30pm		
Sample Iden	itificati	on	Matrix	Date Sampled	Time Sampled	Depth	Number	тРН (80	BTEX (8021B)	Chlorides												Sample Comments		
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West Sic	dewall		S	5/11/2022	13 05		1	Х	х	Х														
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Notice Signature of this	Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U 1631 / 245.1 / 7470 / 7471 Hg  Ticle Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions																							

of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

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5			6		

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# **Login Sample Receipt Checklist**

Client: Etech Environmental & Safety Solutions

Job Number: 880-14744-1

SDG Number: 15914

Login Number: 14744 List Source: Eurofins Midland

List Number: 1

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

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District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

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**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 117767

## **CONDITIONS**

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	117767
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By		Condition Date
jnobui	Closure Report Approved.	8/30/2022