SITE INFORMATION

Report Type: Closure Report (1RP-829)

Report Type: Closure Report (TRP-829)										
General Site Info	ormation:									
Site:		Sharbro Fede	harbro Federal #2 Battery							
Company:		EOG Resource	es							
Section, Townsh	nip and Range	Unit H	Sec. 17	T 23S	R 32E					
County:		Lea County, N	ea County, NM							
GPS:			32.30542			-103.6923076				
Surface Owner:		State of New	Mexico							
Release Data:										
Date Released:		3/28/2006								
Type Release:		Produced Water								
Source of Contan	nination:	Fiberglass Produced Water Tank								
Fluid Released:		25+/- bbls. PW								
Fluids Recovered		25+/- bbls. PW)+/- bbls. PW							
Official Commun	nication:									
Name:	James Kennedy				les					
Company:	EOG Resources				Tetra Tech					
Address:	5509 Champions D	r			901 West Wall Street					
					Suite 100					
City: Midland, TX 79706					Midland, Texas 79701					
Phone number:	<mark>432-686-7016</mark>				432-687-863	34				
Fax:										
Email:	James.Kennedy@	eogresources.	com		clair.gonza	les@tetratech.com				

Site Characterization	
Depth to Groundwater:	478.47' below ground surface (bgs)
Karst Potential:	Low

Recommended Remedial Action Levels (RRALs)							
Benzene	Total BTEX	TPH (GRO+DRO+MRO)	Chlorides				
10 mg/kg	50 mg/kg	2,500 mg/kg	20,000 mg/kg				



May 06, 2021

Bradford Billings Hydrologist District 2 Artesia Oil Conservation Division Santa Fe, NM 87505

Re: Closure Report EOG Resources Sharbro Federal #2 Battery Unit H, Section 17, Township 23 South, Range 32 East Lea County, New Mexico 1RP-829

Mr. Billings:

Tetra Tech, Inc. (Tetra Tech) was contacted by EOG Resources (EOG) to submit this closure report for review. The EOG Sharbro Federal #2 Battery (API No. 30-025-34867) is located in the Public Land Survey System (PLSS) Unit H, Section 17, Township 23 South, Range 32 East, Lea County, New Mexico (Site). The Site coordinates are 32.30542°, -103.69230°. The site location is shown on Figures 1 and 2.

Background

According to the State of New Mexico C-141 Initial Report, the release occurred on March 28, 2006 due to a lightening striking the 500 barrels (bbls.) fiberglass produced water tank. The release affected the tank battery pad and minor impact to topsoil adjacent to pad and consisted of approximately 25 bbls. of produced water. During immediate response actions, approximately 25 bbls. of produced water were recovered. The initial C-141 report was submitted on March 03, 2006 and approved by the NMOCD. The release was subsequently assigned the Remediation Permit (RP) number 1RP-829. The C-141 forms are included in Appendix A.

Site Characterization

A site characterization was performed for the site, and no watercourses, lakebeds, sinkholes, playa lakes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the specified distances, and the site is in a low karst potential area. The nearest well is listed in the USGS National Water Information Database website in Section 21, approximately 1.48 miles Southeast of the site, and has a reported depth to groundwater of 478.47 ft. below ground surface (bgs.). In addition, according to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no water wells within 3,800 meters (approximately 2.5 miles) of the Site. The average depth to groundwater is 556 ft below ground surface (bgs). Site characterization data is included in Appendix B.

Tetra Tech

901 West Wall Street, Suite 100, Midland, TX 79701 Tel 432.682.4559 Fax 432.682.3946 www.tetratech.com



Regulatory

A risk-based evaluation was performed for the site per the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases, updated August 14, 2018. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Based upon the site characterization, the proposed RRAL for TPH is 100 mg/kg (GRO+DRO+MRO) in the upper four (4) ft. and 2,500 mg/kg (GRO+DRO+MRO) below (4) ft. bgs. Additionally, based on the site characterization, the proposed RRAL for chlorides is 600 mg/kg) in the upper four (4) ft. and 20,000 mg/kg (GRO+DRO+MRO) below (4) ft. bgs.

Soil Assessment and Analytical Results

On February 25, 2021, Tetra Tech personnel were on site to evaluate and sample the release area. The formerly impacted area was identified from the description in the C-141 and the aerial imagery. Soils were field screened for salinity using an Extech EC400 ExStik to determine sampling intervals. A total of two (2) auger holes (AH-1 and AH-2) were advanced to a total depth of 3.5 ft. bgs. A total of eight (8) samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D. The results of the sampling are summarized in Table 1. The auger hole locations are shown on Figure 3.

Referring to Table 1, none of the samples analyzed exceeded the Site RRAL for chloride (20,000 mg/kg), TPH (20,000 mg/kg), BTEX (50 m/kg) and benzene (10 mg/kg). In addition, all the samples were also below the 600 mg/kg chloride and 100 mg/kg TPH reclamation standards.

On March 12, 2021, Tetra Tech personnel returned to the site to perform additional soil sampling on the release area. Soils were field screened for salinity using an Extech EC400 ExStik to determine sampling intervals. A total of three (3) auger holes (AH-3 through AH-5) were advanced to a total depth of 4 ft. bgs. A total of nine (9) samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D. The results of the sampling are summarized in Table 1. The auger hole locations are shown on Figure 3.

Referring to Table 1, one sample location (AH-4) exceeded the site RRAL for TPH (100 mg/kg) at the interval from top to 1 ft. bgs. None of the additional samples analyzed exceeded the Site RRAL for chloride (20,000 mg/kg), TPH (20,000 mg/kg), BTEX (50 m/kg) and benzene (10 mg/kg), and were also below the 600 mg/kg chloride and 100 mg/kg TPH reclamation standards.

Remediation Activities

On March 25, 2021, Tetra Tech personnel were on site to supervise the excavation and remediation activities in order to remove the impacted soil from the release area. Due to safety concerns related to tank stabilization and pipeline, an approximate area of 13 ft. by 5 ft. was hydrovac to a total depth of 1 ft. bgs. One (1) bottom hole (BH-1) sample was collected at the



area of the sample location (AH-4) at a depth of 1 ft. bgs. A total of one (1) sample was analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D. The results of the sampling are summarized in Table 2.

Referring to Table 2, the sample analyzed was below the Site RRAL for chloride (600 mg/kg) and TPH (100 mg/kg), BTEX (50 m/kg) and benzene (10 mg/kg).

On April 8, 2021, Tetra Tech returned to the site to collect the confirmation samples (sidewalls) at the perimeter of the excavation. Four (4) sidewall samples (SW-1 through SW-4) were collected at the north, west, east and south of the excavation. A total of four (4) samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D. The results of the sampling are summarized in Table 2.

Referring to Table 2, the sample location (SW-2) exceeded the Site RRALs for TPH (100 mg/kg). All the other sample locations analyzed were below the Site RRAL for chloride (600 mg/kg) and TPH (100 mg/kg).

On April 20, 2021, due to the exceedance of TPH (100 mg/kg) in the area of SW-2, the hydrovac area was expanded two (2) ft. to the east. Tetra Tech collected a new sidewall sample (SW-2). A total of one (1) samples was analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D. The results of the sampling are summarized in Table 2.

Referring to Table 2, the sample location (SW-2) was below the Site RRAL for chloride (600 mg/kg) and TPH (100 mg/kg).

The excavations were all backfilled with clean soil material. Approximately 2.6 cubic yards of material was transported offsite for proper disposal.

Conclusion

Based on the laboratory results and the soil investigation performed, EOG requests closure of this spill issue. The final C-141 initial reports are enclosed in Appendix A. If you have any questions or comments concerning the assessment or remediation activities for this site, please call at (432) 682-4559.

Respectfully submitted, TETRA TECH

Paula Tocora Alonso

Paula Tocora Alonso Environmental Engineer I Tetra Tech, Inc

Figures



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Tables

Table 1 EOG Sharbro Federal #2 Battery Lea County, New Mexico

	Commis	Comula	Soil	Status		TPH (mg/kg)		Damaana	Toluene	Ethluhansana	Yulana	Total BTEX	Chloride
Sample ID	Sample Date	Sample Depth (ft)	In-Situ	Removed	GRO	DRO	MRO	Total	Benzene (mg/kg)	(mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	(mg/kg)	(mg/kg)
	2/25/2021	0-1	Х	-	<49.9	70.1	<49.9	70.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	15.9
AH-1	"	1-1.5	Х	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	11.2
	"	2-2.5	Х	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	11.6
	"	3-3.5	Х	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	10.1
	2/25/2021	0-1	Х	-	<50.0	73.2	<50.0	73.2	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	16.6
AH-2		1-1.5	Х	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	10.8
AU-7	"	2-2.5	Х	-	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	10.7
	"	3-3.5	Х	-	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198	11.3
	3/12/2021	0-1	Х	-	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	21.2
AH-3	"	1-2	Х	-	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	< 0.00403	<0.00202	6.11
	"	3-4	Х	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	<5.00
	3/12/2021	0-1	Х	-	<50.2	1,420	<50.2	1,420	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	197
AH-4	"	1-2	Х	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	0.00219	13
	"	3-4	Х	-	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	20.2
	3/12/2021	0-1	Х	-	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	6.46
AH-5	"	1-2	Х	-	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	< 0.00404	<0.00202	8.17
	"	3-4	Х	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	6.86

(-)

Not Analyzed Exceeded RRALs

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Table 2 EOG Sharbro Federal #2 Battery Lea County, NM

Sample ID	Sample Date	Sample	BEB	Soil S	Status		TPH (I	ng/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Sample Date	Depth	Sample	In-Situ	Removed	GRO	DRO	ORO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BH-1	3/25/2021	-	1	Х	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	362
SW-1	4/8/2021	-	1	Х	-	<49.9	<49.9	<49.9	<49.9	0.00253	<0.00200	<0.00200	<0.00400	0.00253	35
SW-2	4/8/2021	-	1	Х	-	527	<50.0	<50.0	527	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	39.9
	4/20/2021	-	1	Х	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<5.00
SW-3	4/8/2021	-	1	Х	-	58.1	<50.0	<50.0	58.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00201	43.5
SW-4	4/8/2021	-	1	Х	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	40.4

(-) Not

Not Analyzed Excavated

Photos

TETRA TECH

EOG Resources Sharbro Federal #2 Battery Lea County, New Mexico



View of Release Area - View South



View of Release Area – View Southeast

TETRA TECH

EOG Resources Sharbro Federal #2 Battery Lea County, New Mexico



View of Release Area – View Southwest

Appendix A

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District I 1625 N. French D)r., Hobbs, NM 88	240				New Mex				D		C-141
District II 1301 W. Grand A	venue, Artesia, NI	M 88210				and Natura	and Natural Resources			Revised October 10, 2003		
District III 1000 Rio Brazos	Road, Aztec, NM	87410					vation Division			District	Copies to app Office in acc	ordance
District IV 1220 South								w	th Rule 116 side	on back of form		
1220 S. St. 11440	13 D1., Suitu 10, 14					e, NM 875						
			Rele	ease Notifi	catio		orrective A	ction			_	
			· ·		<u> </u>	OPERA'			Initi	al Report	Fina	al Repo
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	e Sharbro F	ederal	#2 Batte	ry			e Tank Batte		ced V	Vater Tan	K	
Surface Own	ner			Mineral (Owner	US			ease N	No. NM-6	2223	
Unit Letter	Section Tow	nship	Range	Feet from the		N OF RE	Feet from the	East/West	Line	County		
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Was Immedia	te Notice Given?		Vac 🛛	No 🗌 Not R	aquirad	If YES, To	Whom?					
By Whom?					equired	Date and Hour						
	ourse Reached?					If YES, Volume Impacting the Watercourse.						
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	•			is greater than	400'					Sec. Sec.	14-15-	
	se of Problem an rike to 500 bbl				Spill co	ontained and a	affected caliche (on location v	n test. H	oved to cert lobbs OCD	জি ifiedAndfil উ	I.
	Affected and C							<u>e</u>			\$/	
I hereby certif regulations all public health should their of or the environ	y that the inform operators are re or the environme perations have fa	ation gi quired t ent. The ailed to a	iven above o report ar acceptanc adequately OCD accep	e is true and comp nd/or file certain ce of a C-141 rep v investigate and	plete to release ort by the remedia	the best of my notifications a ne NMOCD m te contaminati	Affected caliche a knowledge and u nd perform correc arked as "Final R ion that pose a thr ie the operator of	inderstand th ctive actions eport" does i reat to ground	at pur for rel not rel d wate	suant to NM leases which ieve the ope r, surface wa	OCD rules a may endang rator of liabi ater, human	ind ger llity health
Signature: Hannah, Palomin,						OIL CON	SERVAT	ION	DIVISIO	<u>DN</u>		
Printed Name	: Hannah Palor	nin				Approved by	District Supervis	or:				
Title: Engr/I						Approval Dat	te:	Expi	ration	Date:		
E-mail Addres	ss: <u>hannah@m</u> y	vcoinc.c	<u>:om</u>			Conditions of	f Approval:			Attached		
Date: 3/30/0				505.748.4288								
Attach Additi Myco -	ional Sheets If -15445	Necess			L	incide	nt -nfAC	061084	017	22		
Attach Additional Sheets If Necessary Myco-15445 facility fPAC 0610840004					incident - PACOGIO840170 application - pPACOGIO840322							

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Page 3

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🗌 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🗌 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🗌 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🗌 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🗌 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🗌 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🗌 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🗌 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🗌 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🗌 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🗌 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🗌 No

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

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

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

Laboratory data including chain of custody

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

Received by OCD: 10/14/2	2021 3:27:33 PM State of New Mexico			Page 19 of 137
			Incident ID	
Page 4	Oil Conservation Division		District RP	
			Facility ID	
			Application ID	
regulations all operators are public health or the enviror failed to adequately investi addition, OCD acceptance and/or regulations. Printed Name: Signature:	formation given above is true and complete to the re required to report and/or file certain release not nment. The acceptance of a C-141 report by the igate and remediate contamination that pose a thr of a C-141 report does not relieve the operator of the set of the set of the set of the set of t	tifications and perform cc OCD does not relieve the reat to groundwater, surfa f responsibility for compl 	prrective actions for rele e operator of liability sh- ice water, human health liance with any other fe	eases which may endanger ould their operations have or the environment. In deral, state, or local laws
OCD Only				
Received by:		Date:		

Oil Conservation Division

Incident ID	nPAC0610840170
District RP	
Facility ID	
Application ID	

Closure

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

A scaled site and sampling diagram as described in 19.15.29.11	NMAC						
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)							
Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)							
Description of remediation activities							
I hereby certify that the information given above is true and complete and regulations all operators are required to report and/or file certain r may endanger public health or the environment. The acceptance of a should their operations have failed to adequately investigate and reme human health or the environment. In addition, OCD acceptance of a C compliance with any other federal, state, or local laws and/or regulation restore, reclaim, and re-vegetate the impacted surface area to the cond accordance with 19.15.29.13 NMAC including notification to the OCD	C-141 report by the OCD does not relieve the operator of liability diate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ons. The responsible party acknowledges they must substantially itions that existed prior to the release or their final land use in						
Printed Name:							
Signature: James F. Kennedy I	Date:						
Signature: James F. Kennedy I email: T	elephone:						
OCD Only							
Received by:	Date:						
	Tiability should their operations have failed to adequately investigate and ater, human health, or the environment nor does not relieve the responsible regulations.						
Closure Approved by:	Date:11/01/2021						
Bradford Billings Printed Name:	Title: Envi.Spec.A						

Page 6

Appendix B

1RP-829

NESW (K)	NWSE	NESE (1)	NWSW (L)	NESW (K)	NWSE (J)	NESE (1)	NWSW (L)	NESW (K)	NWSE (J)	NE: (1
	07	5			08 3599 ft		3-7-	09		
SESW (N)	SWSE (O)	SESE (P)	SWSW (M)	SESW (N)	SWSE (O)	SESE (P)	SWSW (M)	SESW (N)	SWSE (0)	SE (1
		C						0	7	
NENW (C)	NWNE (B)	NENE (A)	NWNW (D)	NENW (C)	NWNE (B)	NENE (A)	NWNW (D)	NENW (C)	NWNE (B)	NE (7
		4		<u> </u>	23S 32E	+				
SENW	SWNE (G)	SENE (H)	SWNW (E)	SENW (F)	SWNE (G)	SENE H)	SWNW (E)	SENW (F)	SWNE (G)	
				$\langle \langle \rangle$	47	•				
	18-		$\langle \rangle$		5		5	C C		
NESW (K)	NWSE (J)	NESE (1)	NWSW (L)	NESW (K)	NWSE (J)	NESE (1)	NWSW (L)	NESW (K)	NWSE (J)	NI (
-(-						++		++		
SESW (N)	SWSE (0)	SESE (P)	SWSW (M)	SESW (N)	SWSE (O)	SESE (P)	swsw (M)	SESW (N)	SWSE (0)	SE (
NENW		NENE	NWNW	NENW	NWNE	NENE	NWNW		NWNE	
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× 00	D District Offices	- FLSS TOWNS	onips Oc				Bureau of Land M	anagement, Texas Parks & W	ildlife, Esri, HERE,	, Gai





N

10 mi

Sharbro Federal #2 Battery 🦨



New Mexico NFHL Data







Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Resained by OCD: 10/14/2021 3:27:33 PM

Water Resources of the United States-National Water Information System (NWIS) Mapper



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National Water Information System: Mapper



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Groundwater

New Mexico

National Water Information System: Web Interface USGS Water Resources

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Introducing The Next Generation of USGS Water Data for the Nation
 Eull News

Groundwater levels for New Mexico

Click to hide state-specific text

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

Agency code = usgs site_no list =

Minimum number of levels = 1Save file of selected sites to local disk for future upload

USGS 321732103401701 23S.32E.21.223444

Lea County, New Mexico Latitude 32°17'32", Longitude 103°40'17" NAD27 Land-surface elevation 3,682 feet above NAVD88 The depth of the well is 550 feet below land surface. This well is completed in the Other aquifers (N99990THER) national aquifer. This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

• 321732103401701

Output formats

Table of data

Tab-separated data

Graph of data

Reselect period											
Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1972-09-21		D	62610		3199.51	NGVD29	3	Z			А
1972-09-21		D	62611		3201.25	NAVD88	3	Z			A
1972-09-21		D	72019	480.75			3	Z			А
1976-12-07		D	62610		3201.79	NGVD29	1	Z			A
1976-12-07		D	62611		3203.53	NAVD88	1	Z			А
1976-12-07		D	72019	478.47			1	Z			А

		Explanation
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	3	Above
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility Privacy Policies and No U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2021-02-18 11:27:05 EST 0.29 0.25 nadww02

USA.gov

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Interlate Street Commission	V	lat						00	v	the State ge De	0		ter	
(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD been repl O=orpha C=the fil closed)	laced, ned,		· 1				/ 2=NE : est to lar	3=SW 4=SI gest) (N	E) JAD83 UTM in n	neters)	(In f	ceet)	
		Sub-		0	\mathbf{o})							v	Vater
POD Number	Code	basin	County	-	-	-	Tws	Rng	Х	Y	DistanceDe	pthWellDep	thWater C	olumi
<u>C 03851 POD1</u>		CUB	LE	3	34	20	23S	32E	622880	3572660 🌍	2419	1392	713	67
<u>C 02216</u>		CUB	LE	2	24	21	23S	32E	625035	3573261* 🌍	2485	585	400	18
<u>C 02349</u>		CUB	ED		2 3	03	235	32E	625678	3578004* 🌍	3797	525		
										Avera	ge Depth to Wat	er:	556 fe	et
											Minimum De	pth:	400 fe	et
											Maximum De	pth:	713 fe	et
Record Count: 3														
<u>UTMNAD83 Radiu</u>	us Search (in	n meters	<u>):</u>											
Easting (X): 62	23301.13		North	ning (Y):	3575	5042.21	l		Radius: 3800				
*I/TM 1 4	J.C		_											
*UTM location was derived	d from PLSS	- see Helj	р											

2/9/21 8:01 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

.

Appendix C

🔅 eurofins

Project Id:

Project Location:

Contact:

Environment Testing Xenco

Clair Gonzales

Lea County, New Mexico

Certificate of Analysis Summary 689544

Tetra Tech- Midland, Midland, TX

Project Name: Sharbro Fed 1 Battery

Date Received in Lab: Fri 02.26.2021 13:57

Report Date: 03.03.2021 17:53

Jession Vramer

Project Manager: Jessica Kramer

	Lab Id:	689544-0	001	689544-0	02	689544-(003	689544-	004	689544-(005	689544-0	06
	Field Id:	AH-1 (0-	1')	AH-1 (1.5'	-2')	AH-1 (2.5'-	3')	AH-1 (3.5'-	4')	AH-2 (0-1)	AH-2 (1.5'-2	2')
Analysis Requested	Depth:											AH-2 (1.5'-7 SOIL 02.25.2021 02.28.2021 02.28.2021 02.28.2021 mg/kg <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 <0.00200 02.28.2021 02.28.2021 02.28.2021 mg/kg 10.8	
	Matrix:	SOIL		SOIL		SOIL	,	SOIL	,	AH-2 (0-1') AH-2 (1.5'- SOIL SOII :00 02.25.2021 00:00 02.25.2021 :15 02.28.2021 17:15 02.28.2021 :09 02.28.2021 19:30 02.28.2021 RL mg/kg RL mg/kg 00198 <0.00199 0.00199 <0.00200 00198 <0.00199 0.00199 <0.00200 00198 <0.00199 0.00199 <0.00200 00198 <0.00199 0.00199 <0.00200 00198 <0.00199 0.00199 <0.00200 00198 <0.00199 0.00199 <0.00200 00198 <0.00199 0.00199 <0.00200 00198 <0.00199 0.00199 <0.00200 00198 <0.00199 0.00199 <0.00200 00198 <0.00199 0.00199 <0.00200 00198 <0.00199 0.00199 <0.00200 0198 <0.00199 <0.00200 <0.00200 0198 <0.00199			
	Sampled:	02.25.2021	00:00	02.25.2021	00:00	02.25.2021	00:00	02.25.2021	00:00	02.25.2021	00:00	02.25.2021	00:00
BTEX by EPA 8021B	Extracted:	02.28.2021	17:15	02.28.2021	17:15	02.28.2021	17:15	02.28.2021	17:15	02.28.2021	17:15	02.28.2021	17:15
	Analyzed:	02.28.2021	18:07	02.28.2021	18:28	02.28.2021	18:48	02.28.2021	19:09	02.28.2021	19:30	02.28.2021	19:50
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00198	0.00198	< 0.00199	0.00199	< 0.00200	0.00200
Toluene		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00198	0.00198				0.00200
Ethylbenzene		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00198	0.00198				0.00200
m,p-Xylenes		< 0.00399	0.00399	< 0.00399	0.00399	< 0.00401	0.00401	< 0.00397	0.00397				0.00400
o-Xylene		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00198	0.00198				0.00200
Total Xylenes		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00198	0.00198				0.00200
Total BTEX		< 0.00200	0.00200	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00198	0.00198	< 0.00199	0.00199	< 0.00200	0.00200
Inorganic Anions by EPA 300/300.1	Extracted:	02.28.2021	11:15	02.28.2021	11:15	02.28.2021	11:15	02.28.2021	11:15	02.28.2021	11:15	02.28.2021	11:15
	Analyzed:	02.28.2021	21:16	02.28.2021	21:22	02.28.2021	21:38	02.28.2021	21:43	02.28.2021	21:48	02.28.2021	21:54
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		15.9	4.99	11.2	5.00	11.6	5.00	10.1	5.02	16.6	5.05	10.8	5.03
TPH By SW8015 Mod	Extracted:	03.01.2021	12:00	03.01.2021	12:00	03.01.2021	12:00	03.01.2021	12:00	03.01.2021	12:00	03.01.2021	12:00
	Analyzed:	03.01.2021	13:55	03.01.2021	14:15	03.01.2021	14:36	03.01.2021	14:57	03.01.2021	15:18	03.01.2021	15:39
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0
Diesel Range Organics (DRO)		70.1	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	73.2	50.0	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0
Total TPH		70.1	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	73.2	50.0	<50.0	50.0

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Page 1 of 27

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Clair Gonzales

Lea County, New Mexico

Project Id:

Project Location:

Contact:

Certificate of Analysis Summary 689544

Tetra Tech- Midland, Midland, TX

Project Name: Sharbro Fed 1 Battery

 Date Received in Lab:
 Fri 02.26.2021 13:57

 Report Date:
 03.03.2021 17:53

Project Manager: Jessica Kramer

	Lab Id:	689544-0	007	689544-0	08		
Analysis Requested	Field Id:	AH-2 (2.5'	-3')	AH-2 (3.5'-	-4')		
Analysis Kequesiea	Depth:						
	Matrix:	SOIL		SOIL			
	Sampled:	02.25.2021	00:00	02.25.2021	00:00		
BTEX by EPA 8021B	Extracted:	02.28.2021	17:15	02.28.2021	17:15		
	Analyzed:	02.28.2021	20:11	02.28.2021	20:32		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Benzene		< 0.00199	0.00199		0.00198		
Toluene		< 0.00199	0.00199		0.00198		
Ethylbenzene		< 0.00199	0.00199	< 0.00198	0.00198		
m,p-Xylenes		< 0.00398	0.00398		0.00397		
o-Xylene		< 0.00199	0.00199		0.00198		
Total Xylenes		< 0.00199	0.00199	< 0.00198	0.00198		
Total BTEX		< 0.00199	0.00199	< 0.00198	0.00198		
Inorganic Anions by EPA 300/300.1	Extracted:	02.28.2021	11:15	02.28.2021	11:15		
	Analyzed:	02.28.2021	21:59	02.28.2021	22:04		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Chloride		10.7	4.98	11.3	4.98		
TPH By SW8015 Mod	Extracted:	03.01.2021	12:00	03.01.2021	12:00		
	Analyzed:	03.01.2021	16:20	03.01.2021	16:40		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<49.9	49.9		
Diesel Range Organics (DRO)		<49.9	49.9	<49.9	49.9		
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<49.9	49.9		
Total TPH		<49.9	49.9	<49.9	49.9		

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Jession Vramer

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Page 2 of 27

Final 1.000

Received by OCD: 10/14/2021 3:27:33 PM

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Analytical Report 689544

Page 31 of 137

for

Tetra Tech- Midland

Project Manager: Clair Gonzales

Sharbro Fed 1 Battery

03.03.2021

Collected By: Client



1211 W. Florida Ave Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054) Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-24) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-20-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483) Received by OCD: 10/14/2021 3:27:33 PM

03.03.2021

Project Manager: **Clair Gonzales Tetra Tech- Midland** 901 West Wall ST Midland, TX 79701

Reference: Eurofins Xenco, LLC Report No(s): **689544 Sharbro Fed 1 Battery** Project Address: Lea County, New Mexico

Clair Gonzales:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 689544. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 689544 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

fession kenner

Jessica Kramer Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Received by OCD: 10/14/2021 3:27:33 PM

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Sample Id

AH-1 (0-1')	
AH-1 (1.5'-2')	
AH-1 (2.5'-3')	
AH-1 (3.5'-4')	
AH-2 (0-1')	
AH-2 (1.5'-2')	
AH-2 (2.5'-3')	
AH-2 (3.5'-4')	

Sample Cross Reference 689544

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Matrix	Date Collected	Sample Depth	Lab Sample Id
S	02.25.2021 00:00		689544-001
S	02.25.2021 00:00		689544-002
S	02.25.2021 00:00		689544-003
S	02.25.2021 00:00		689544-004
S	02.25.2021 00:00		689544-005
S	02.25.2021 00:00		689544-006
S	02.25.2021 00:00		689544-007
S	02.25.2021 00:00		689544-008

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CASE NARRATIVE

Client Name: Tetra Tech- Midland Project Name: Sharbro Fed 1 Battery

Project ID: Work Order Number(s): 689544 Report Date: 03.03.2021 Date Received: 02.26.2021

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analytical Results 689544

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Sample Id: AH-1 (0-1') Lab Sample Id: 689544-001		Matrix: Date Colle	Soil ected: 02.25	5.2021 00:00		Date Received:02.	26.2021 13:	:57
Analytical Method: Inorganic Anio Tech: CHE	ns by EPA 300/300.	1				Prep Method: E30	00P	
Analyst: CHE Seq Number: 3152036		Date Prep	02.28	3.2021 11:15		% Moisture: Basis: We	t Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	15.9	4.99		mg/kg	02.28.2021 21:16		1
Analytical Method: TPH By SW80 Tech: DVM Analyst: ARM Seq Number: 3152218	15 Mod	Date Prep	: 03.01	.2021 12:00		Prep Method: SW % Moisture: Basis: We	78015P et Weight	
Tech: DVM Analyst: ARM	15 Mod Cas Number	Date Preps Result	: 03.01 RL	.2021 12:00	Units	% Moisture:		Dil
Tech:DVMAnalyst:ARMSeq Number:3152218				.2021 12:00		% Moisture: Basis: We	t Weight	Dil 1
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)	Cas Number	Result	RL	.2021 12:00	Units	% Moisture: Basis: We Analysis Date	t Weight Flag	
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <49.9	RL 49.9	.2021 12:00	Units mg/kg	% Moisture: Basis: We Analysis Date 03.01.2021 13:55	t Weight Flag	1
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <49.9 70.1	RL 49.9 49.9	.2021 12:00	Units mg/kg mg/kg	% Moisture: Basis: We Analysis Date 03.01.2021 13:55 03.01.2021 13:55	t Weight Flag U	1 1
Tech: DVM Analyst: ARM Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835 PHC635	Result <49.9	RL 49.9 49.9 49.9	.2021 12:00 Units	Units mg/kg mg/kg mg/kg	% Moisture: Basis: We Analysis Date 03.01.2021 13:55 03.01.2021 13:55 03.01.2021 13:55 03.01.2021 13:55	t Weight Flag U U	1 1 1
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)Motor Oil Range Hydrocarbons (MRO)Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC635 Cas	Result <49.9	RL 49.9 49.9 49.9 49.9 49.9		Units mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: We Analysis Date 03.01.2021 13:55 03.01.2021 13:55 03.01.2021 13:55 03.01.2021 13:55 03.01.2021 13:55 Analysis Date	t Weight Flag U U Flag	1 1 1

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Xenco

Certificate of Analytical Results 689544

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Sample Id: AH-1 (0-1') Lab Sample Id: 689544-001		Matrix: Date Collecte	Soil d: 02.25.2021 00:00		Date Receive	d:02.26.2021 13	3:57
Analytical Method: BTEX by EPA 80 Tech: KTL)21B				Prep Method:	SW5035A	
Analyst: KTL Seq Number: 3152003		Date Prep:	02.28.2021 17:15		% Moisture: Basis:	Wet Weight	
Parameter	Cas Number	Result RI		Units	Analysis D	ate Flag	Dil

1 ar anneter	Cas Ituliibt	i Kesun	KL		Units	Analysis Date	riag	Dii
Benzene	71-43-2	<0.00200	0.00200		mg/kg	02.28.2021 18:07	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	02.28.2021 18:07	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	02.28.2021 18:07	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	02.28.2021 18:07	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	02.28.2021 18:07	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	02.28.2021 18:07	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	02.28.2021 18:07	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	107	%	70-130	02.28.2021 18:07		
4-Bromofluorobenzene		460-00-4	72	%	70-130	02.28.2021 18:07		

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Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Sample Id: AH-1 (1.5'-2') Lab Sample Id: 689544-002		Matrix: Date Colle	Soil ected: 02.25	.2021 00:00		Date Received:02.	26.2021 13	57
Analytical Method: Inorganic Anio	ns by EPA 300/300.	.1				Prep Method: E30	00P	
Tech: CHE								
Analyst: CHE		Date Prep:	02.28	.2021 11:15		% Moisture: Basis: We	et Weight	
Seq Number: 3152036						Dasis. We	t weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.2	5.00		mg/kg	02.28.2021 21:22		1
Analytical Method: TPH By SW80	15 Mod					Prep Method: SW	/8015P	
Tech:DVMAnalyst:ARMSeq Number:3152218		Date Prep:		.2021 12:00		% Moisture: Basis: We	et Weight	Di
Tech: DVM Analyst: ARM Seq Number: 3152218 Parameter	Cas Number	Result	RL	.2021 12:00	Units	% Moisture: Basis: We Analysis Date	et Weight Flag	Dil
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <50.0	RL 50.0	.2021 12:00	Units mg/kg	% Moisture: Basis: We Analysis Date 03.01.2021 14:15	et Weight Flag U	1
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.0 <50.0	RL 50.0 50.0	.2021 12:00	Units mg/kg mg/kg	% Moisture: Basis: We <u>Analysis Date</u> 03.01.2021 14:15 03.01.2021 14:15	et Weight Flag U U	1 1
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <50.0 <50.0 <50.0	RL 50.0 50.0 50.0	.2021 12:00	Units mg/kg mg/kg mg/kg	% Moisture: Basis: We <u>Analysis Date</u> 03.01.2021 14:15 03.01.2021 14:15 03.01.2021 14:15	et Weight Flag U U U U	1 1 1
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.0 <50.0	RL 50.0 50.0	.2021 12:00	Units mg/kg mg/kg	% Moisture: Basis: We <u>Analysis Date</u> 03.01.2021 14:15 03.01.2021 14:15	et Weight Flag U U	1 1
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835 PHC635	Result <50.0 <50.0 <50.0 <50.0 <50.0	RL 50.0 50.0 50.0	.2021 12:00 Units	Units mg/kg mg/kg mg/kg	% Moisture: Basis: We 03.01.2021 14:15 03.01.2021 14:15 03.01.2021 14:15 03.01.2021 14:15	et Weight Flag U U U U U	1 1 1
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)Motor Oil Range Hydrocarbons (MRO)Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC635 Ca 111	Result <50.0 <50.0 <50.0 <50.0 <50.0	RL 50.0 50.0 50.0 50.0 50.0		Units mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: We Analysis Date 03.01.2021 14:15 03.01.2021 14:15 03.01.2021 14:15 03.01.2021 14:15 Analysis Date 03.01.2021 14:15	et Weight Flag U U U U U U S Flag 5	1 1 1

Environment Testir Xenco

Certificate of Analytical Results 689544

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Sample Id: AH-1 (1.5'-2') Lab Sample Id: 689544-002		Matrix: Date Collecte	Soil d: 02.25.2021 00:00		Date Received:	02.26.2021 13:	57
Analytical Method: BTEX by EPA 80 Tech: KTL Analyst: KTL Seq Number: 3152003	21B	Date Prep:	02.28.2021 17:15		Prep Method: % Moisture: Basis:	SW5035A Wet Weight	
Parameter	Cas Number	Result RI	_	Units	Analysis Dat	te Flag	Dil

1 41 4110001	cus rumbe		n.		Cinto	Thatysis Date	Ting	Di
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	02.28.2021 18:28	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	02.28.2021 18:28	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	02.28.2021 18:28	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	02.28.2021 18:28	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	02.28.2021 18:28	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	02.28.2021 18:28	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	02.28.2021 18:28	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	81	%	70-130	02.28.2021 18:28		
1,4-Difluorobenzene		540-36-3	106	%	70-130	02.28.2021 18:28		

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Sample Id: AH-1 (2.5'-3') Lab Sample Id: 689544-003		Matrix: Date Colle	Soil ected: 02.25.	.2021 00:00		Date Received:02.2	26.2021 13	:57
Analytical Method: Inorganic Anion	ns by EPA 300/300.	1				Prep Method: E30	00P	
Tech: CHE						0/ 14		
Analyst: CHE		Date Prep:	02.28.	.2021 11:15		% Moisture: Basis: We	t Weight	
Seq Number: 3152036							t weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.6	5.00		mg/kg	02.28.2021 21:38		1
Analytical Mathed: TDH By SW80	15 Mod					Prop Mathod: SW	2015D	
Analytical Method: TPH By SW80 Tech: DVM Analyst: ARM Seq Number: 3152218 Parameter		Date Prep:		.2021 12:00			t Weight	Dil
Tech: DVM Analyst: ARM Seq Number: 3152218 Parameter	Cas Number	Result	RL	.2021 12:00	Units	% Moisture: Basis: We Analysis Date	t Weight Flag	Dil
Tech: DVM Analyst: ARM Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <50.0	RL 50.0	.2021 12:00	Units mg/kg	% Moisture: Basis: We Analysis Date 03.01.2021 14:36	t Weight Flag U	1
Tech: DVM Analyst: ARM Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <50.0 <50.0	RL 50.0 50.0	.2021 12:00	Units mg/kg mg/kg	% Moisture: Basis: We <u>Analysis Date</u> 03.01.2021 14:36 03.01.2021 14:36	t Weight Flag U U	1
Tech: DVM Analyst: ARM Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <50.0	RL 50.0	.2021 12:00	Units mg/kg	% Moisture: Basis: We Analysis Date 03.01.2021 14:36	t Weight Flag U	1
Tech: DVM Analyst: ARM Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHC62835 PHC635	Result <50.0	RL 50.0 50.0 50.0	.2021 12:00 Units	Units mg/kg mg/kg mg/kg	% Moisture: Basis: We Analysis Date 03.01.2021 14:36 03.01.2021 14:36 03.01.2021 14:36 03.01.2021 14:36	t Weight Flag U U U U U	1 1 1
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)Motor Oil Range Hydrocarbons (MRO)Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC635 Car	Result <50.0	RL 50.0 50.0 50.0 50.0		Units mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: We Analysis Date 03.01.2021 14:36 03.01.2021 14:36 03.01.2021 14:36 03.01.2021 14:36 Mnalysis Date	t Weight Flag U U U U Flag	1 1 1

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Certificate of Analytical Results 689544

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Sample Id: AH-1 (2.5'-3') Lab Sample Id: 689544-003		Matrix: Date Collecte	Soil d: 02.25.2021 00:00		Date Received	d:02.26.2021 13:	57
Analytical Method: BTEX by EPA 80 Tech: KTL Analyst: KTL Seq Number: 3152003	21B	Date Prep:	02.28.2021 17:15		Prep Method: % Moisture: Basis:	SW5035A Wet Weight	
Parameter	Cas Number	Result RI	_	Units	Analysis D	ate Flag	Dil

Tarameter	Cusitumot	A Result	KL/		Units	Analysis Date	Flag	Dii
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	02.28.2021 18:48	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	02.28.2021 18:48	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	02.28.2021 18:48	U	1
m,p-Xylenes	179601-23-1	< 0.00401	0.00401		mg/kg	02.28.2021 18:48	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	02.28.2021 18:48	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	02.28.2021 18:48	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	02.28.2021 18:48	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	80	%	70-130	02.28.2021 18:48		
1,4-Difluorobenzene		540-36-3	102	%	70-130	02.28.2021 18:48		

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Sample Id: AH-1 (3.5'-4') Lab Sample Id: 689544-004		Matrix: Date Coll	Soil ected: 02.25	.2021 00:00		Date Received:02.	26.2021 13:	:57
Analytical Method: Inorganic Anior	ns by EPA 300/300.	1				Prep Method: E30)0P	
Tech: CHE								
Analyst: CHE		Date Prep	: 02.28	.2021 11:15		% Moisture: Basis: We	t Weight	
Seq Number: 3152036						Dasis. we	t weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.1	5.02		mg/kg	02.28.2021 21:43		1
Tech: DVM						•	'8015P	
Analyst: ARM Seq Number: 3152218	Cos Numbor	Date Prep		.2021 12:00	T		t Weight	Di
Analyst: ARM Seq Number: 3152218 Parameter	Cas Number	Result	RL	.2021 12:00	Units	Basis: We Analysis Date	t Weight Flag	Dil
Analyst: ARM Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO)	PHC610	Result <49.9	RL 49.9	.2021 12:00	mg/kg	Basis: We Analysis Date 03.01.2021 14:57	t Weight Flag U	1
Analyst: ARM Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	PHC610 C10C28DRO	Result <49.9 <49.9	RL 49.9 49.9	.2021 12:00	mg/kg mg/kg	Basis: We Analysis Date 03.01.2021 14:57 03.01.2021 14:57	t Weight Flag U U	1 1
Analyst: ARM Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	PHC610 C10C28DRO PHCG2835	Result <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9	.2021 12:00	mg/kg mg/kg mg/kg	Basis: We Analysis Date 03.01.2021 14:57 03.01.2021 14:57 03.01.2021 14:57	t Weight Flag U U U U	1 1 1
Analyst: ARM Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total TPH	PHC610 C10C28DRO PHCG2835 PHC635	Result <49.9 <49.9 <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9 49.9		mg/kg mg/kg mg/kg mg/kg	Basis: We Analysis Date 03.01.2021 14:57 03.01.2021 14:57 03.01.2021 14:57 03.01.2021 14:57	t Weight Flag U U U U U	1 1
Analyst: ARM Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	PHC610 C10C28DRO PHCG2835 PHC635 Cas	Result <49.9 <49.9 <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9	.2021 12:00 Units	mg/kg mg/kg mg/kg	Basis: We Analysis Date 03.01.2021 14:57 03.01.2021 14:57 03.01.2021 14:57 03.01.2021 14:57 Analysis Date	t Weight Flag U U U U Flag	1 1 1

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Certificate of Analytical Results 689544

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Sample Id: AH-1 (3.5'-4') Lab Sample Id: 689544-004		Matrix: Date Collecte	Soil d: 02.25.2021 00:00		Date Received	1:02.26.2021 13	8:57
Analytical Method: BTEX by EPA 8 Tech: KTL Analyst: KTL Seq Number: 3152003	3021B	Date Prep:	02.28.2021 17:15		Prep Method: % Moisture: Basis:	SW5035A Wet Weight	
Parameter	Cas Number	Result RI	.	Units	Analysis D	ate Flag	Dil

					e mus	1111113010 20000		21
Benzene	71-43-2	< 0.00198	3 0.00198		mg/kg	02.28.2021 19:09	U	1
Toluene	108-88-3	< 0.00198	8 0.00198		mg/kg	02.28.2021 19:09	U	1
Ethylbenzene	100-41-4	< 0.00198	3 0.00198		mg/kg	02.28.2021 19:09	U	1
m,p-Xylenes	179601-23-1	< 0.00397	0.00397		mg/kg	02.28.2021 19:09	U	1
o-Xylene	95-47-6	< 0.00198	3 0.00198		mg/kg	02.28.2021 19:09	U	1
Total Xylenes	1330-20-7	< 0.00198	8 0.00198		mg/kg	02.28.2021 19:09	U	1
Total BTEX		< 0.00198	3 0.00198		mg/kg	02.28.2021 19:09	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	83	%	70-130	02.28.2021 19:09		
1,4-Difluorobenzene		540-36-3	108	%	70-130	02.28.2021 19:09		

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Sample Id: AH-2 (0-1') Lab Sample Id: 689544-005		Matrix: Date Coll	Soil ected: 02.25	.2021 00:00		Date Received:02.2	26.2021 13:	57
Analytical Method: Inorganic Anio Tech: CHE Analyst: CHE Seq Number: 3152036	ns by EPA 300/300.	1 Date Prep	o: 02.28	.2021 11:15		Prep Method: E30 % Moisture: Basis: We	00P t Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	16.6	5.05		mg/kg	02.28.2021 21:48		1
Analytical Method: TPH By SW80	15 Mod					Prep Method: SW	8015P	
Tech:DVMAnalyst:ARMSeq Number:3152218		Date Prep	o: 03.01	.2021 12:00		% Moisture: Basis: We	t Weight	
Analyst: ARM	Cas Number	Date Prep Result	e: 03.01 RL	.2021 12:00	Units		t Weight Flag	Dil
Analyst: ARM Seq Number: 3152218	Cas Number PHC610			.2021 12:00	Units mg/kg	Basis: We	C	Dil
Analyst: ARM Seq Number: 3152218 Parameter		Result	RL	.2021 12:00		Basis: We Analysis Date	Flag	
Analyst: ARM Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO)	PHC610	Result <50.0	RL 50.0	.2021 12:00	mg/kg	Basis: We Analysis Date 03.01.2021 15:18	Flag	1
Analyst: ARM Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	PHC610 C10C28DRO	Result <50.0 73.2	RL 50.0 50.0	.2021 12:00	mg/kg mg/kg	Basis: We Analysis Date 03.01.2021 15:18 03.01.2021 15:18	Flag U	1 1
Analyst: ARM Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	PHC610 C10C28DRO PHCG2835 PHC635	Result <50.0 73.2 <50.0 73.2	RL 50.0 50.0 50.0	.2021 12:00 Units	mg/kg mg/kg mg/kg	Basis: We Analysis Date 03.01.2021 15:18 03.01.2021 15:18 03.01.2021 15:18 03.01.2021 15:18	Flag U U	1 1 1
Analyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)Motor Oil Range Hydrocarbons (MRO)Total TPH	PHC610 C10C28DRO PHCG2835 PHC635 Cas	Result <50.0 73.2 <50.0 73.2	RL 50.0 50.0 50.0 50.0		mg/kg mg/kg mg/kg	Basis: We Analysis Date 03.01.2021 15:18 03.01.2021 15:18 03.01.2021 15:18 03.01.2021 15:18	Flag U U Flag	1 1 1

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Parameter		Cas Number	Result	RL		Units	Analysis D	ate	Flag	Dil
Seq Number:	3152003						Dasis.	wei	weight	
Analyst:	KTL		Date Pre	p:	02.28.2021 17:15		% Moisture: Basis:	Wat	Weight	
Analytical Me Tech:	ethod: BTEX by EPA 80 KTL	21B					Prep Method:	SW5	035A	
Sample Id: Lab Sample Id	AH-2 (0-1') d: 689544-005		Matrix: Date Col	lected	Soil 1: 02.25.2021 00:00		Date Received	1:02.26	5.2021 13:	57

					01110	1111113050 20100	8	2.1
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	02.28.2021 19:30	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	02.28.2021 19:30	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	02.28.2021 19:30	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	02.28.2021 19:30	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	02.28.2021 19:30	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	02.28.2021 19:30	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	02.28.2021 19:30	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	102	%	70-130	02.28.2021 19:30		
4-Bromofluorobenzene		460-00-4	78	%	70-130	02.28.2021 19:30		

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Sample Id: AH-2 (1.5'-2') Lab Sample Id: 689544-006		Matrix: Date Col	Soil lected: 02.25	.2021 00:00		Date Received:02	2.26.2021 13	:57
Analytical Method: Inorganic Anion	s by EPA 300/300.	1				Prep Method: E3	300P	
Tech: CHE						% Moisture:		
Analyst: CHE		Date Pre	p: 02.28	.2021 11:15			et Weight	
Seq Number: 3152036								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.8	5.03		mg/kg	02.28.2021 21:54		1
Analytical Method: TPH By SW801 Tech: DVM						Prep Method: SV	00101	
Analyst: ARM Seq Number: 3152218	Cas Number	Date Pre	L	.2021 12:00	Unite		et Weight	Dil
Seq Number: 3152218 Parameter	Cas Number	Result	RL	.2021 12:00	Units	Basis: Wo Analysis Date	Flag	Dil
Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO)	PHC610	Result	RL 50.0	.2021 12:00	mg/kg	Basis: Wo Analysis Date 03.01.2021 15:39	Flag U	1
Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	PHC610 C10C28DRO	Result <50.0 <50.0	RL 50.0 50.0	.2021 12:00	mg/kg mg/kg	Basis: Wo Analysis Date 03.01.2021 15:39 03.01.2021 15:39	Flag U U	1
Seq Number: 3152218 Parameter Gasoline Range Hydrocarbons (GRO)	PHC610	Result	RL 50.0	.2021 12:00	mg/kg	Basis: Wo Analysis Date 03.01.2021 15:39	Flag U U U	1

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Certificate of Analytical Results 689544

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Sample Id: AH-2 (1.5'-2') Lab Sample Id: 689544-006		Matrix: Date Collecte	Soil d: 02.25.2021 00:00		Date Received:02.26.2021 13:57
Analytical Method: BTEX by EPA 80 Tech: KTL Analyst: KTL Seq Number: 3152003	21B	Date Prep:	02.28.2021 17:15		Prep Method: SW5035A % Moisture: Basis: Wet Weight
Parameter	Cas Number	Result RI	_	Units	Analysis Date Flag Dil

1 41 4110001	cus i tumot		ni		Onto	Thatysis Date	Thes	Di
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	02.28.2021 19:50	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	02.28.2021 19:50	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	02.28.2021 19:50	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	02.28.2021 19:50	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	02.28.2021 19:50	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	02.28.2021 19:50	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	02.28.2021 19:50	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	78	%	70-130	02.28.2021 19:50		
1,4-Difluorobenzene		540-36-3	110	%	70-130	02.28.2021 19:50		

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Sample Id: AH-2 (2.5'-3') Lab Sample Id: 689544-007		Matrix: Date Colle	Soil ected: 02.25	.2021 00:00		Date Received:02.	26.2021 13	:57
Analytical Method: Inorganic Anio Tech: CHE	ns by EPA 300/300.	1				Prep Method: E30	90P	
Analyst: CHE		Date Prep	: 02.28	.2021 11:15		% Moisture: Basis: We	t Weight	
Seq Number: 3152036								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.7	4.98		mg/kg	02.28.2021 21:59		1
Analytical Method: TPH By SW80 Tech: DVM Analyst: ARM Seq Number: 3152218	15 Mod	Date Prep	: 03.01	.2021 12:00		Prep Method: SW % Moisture: Basis: We	78015P et Weight	
Tech: DVM Analyst: ARM	15 Mod Cas Number	Date Prep Result	: 03.01 RL	.2021 12:00		% Moisture:		Dil
Tech:DVMAnalyst:ARMSeq Number:3152218				.2021 12:00		% Moisture: Basis: We	et Weight	Dil
Tech: DVM Analyst: ARM Seq Number: 3152218 Parameter	Cas Number	Result	RL	.2021 12:00	Units	% Moisture: Basis: We Analysis Date	t Weight Flag	
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <49.9	RL 49.9	.2021 12:00	Units mg/kg	% Moisture: Basis: We Analysis Date 03.01.2021 16:20	et Weight Flag U	1
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <49.9 <49.9	RL 49.9 49.9	.2021 12:00	Units mg/kg mg/kg	% Moisture: Basis: We Analysis Date 03.01.2021 16:20 03.01.2021 16:20	et Weight Flag U U	1 1
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835 PHC635	Result <49.9 <49.9 <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9	.2021 12:00 Units	Units mg/kg mg/kg mg/kg	% Moisture: Basis: We Analysis Date 03.01.2021 16:20 03.01.2021 16:20 03.01.2021 16:20 03.01.2021 16:20	et Weight Flag U U U U U U	1 1 1
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)Motor Oil Range Hydrocarbons (MRO)Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC635 Ca	Result <49.9 <49.9 <49.9 <49.9 <49.9 <49.9	RL 49.9 49.9 49.9 49.9 49.9		Units mg/kg mg/kg mg/kg mg/kg	% Moisture: Basis: We Analysis Date 03.01.2021 16:20 03.01.2021 16:20 03.01.2021 16:20 03.01.2021 16:20	et Weight Flag U U U U U Flag	1 1 1

Environment Testi Xenco

Certificate of Analytical Results 689544

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Parameter		Cas Number	Result	RL		Units	Analysis D	ate	Flag	Dil
Seq Number:	3152003								vi eight	
Analyst:	KTL		Date Pre	ep:	02.28.2021 17:15		% Moisture: Basis:	Wet	Weight	
Tech:	KTL									
Analytical Me	ethod: BTEX by EPA 80	21B					Prep Method:	SWS	5035A	
Sample Id: Lab Sample Id	AH-2 (2.5'-3') d: 689544-007		Matrix: Date Co	llected	Soil 1: 02.25.2021 00:00		Date Receive	d:02.2	6.2021 13	:57

					01110	1111113515 2000		2.
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	02.28.2021 20:11	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	02.28.2021 20:11	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	02.28.2021 20:11	U	1
m,p-Xylenes	179601-23-1	< 0.00398	8 0.00398		mg/kg	02.28.2021 20:11	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	02.28.2021 20:11	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	02.28.2021 20:11	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	02.28.2021 20:11	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	81	%	70-130	02.28.2021 20:11		
1,4-Difluorobenzene		540-36-3	103	%	70-130	02.28.2021 20:11		

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Sample Id: AH-2 (3.5'-4') Lab Sample Id: 689544-008		Matrix: Date Colle	Soil ected: 02.25	.2021 00:00		Date Received:02.2	26.2021 13	:57
Analytical Method: Inorganic Anion	ns by EPA 300/300.	1				Prep Method: E30	0P	
Tech: CHE								
Analyst: CHE		Date Prep	: 02.28	.2021 11:15		% Moisture: Basis: Wet	Weight	
Seq Number: 3152036						Dasis. Wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.3	4.98		mg/kg	02.28.2021 22:04		1
Analytical Method: TPH By SW80	15 Mod					Prep Method: SW	8015P	
Tech:DVMAnalyst:ARMSeq Number:3152218		Date Prep		.2021 12:00		% Moisture: Basis: Wet	Weight	Di
Tech: DVM Analyst: ARM Seq Number: 3152218 Parameter	Cas Number	Result	RL	.2021 12:00	Units	% Moisture: Basis: Wet Analysis Date	Weight	Dil
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <49.9	RL 49.9	.2021 12:00	Units mg/kg	% Moisture: Basis: Wet Analysis Date 03.01.2021 16:40	Weight Flag U	1
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <49.9 <49.9	RL 49.9 49.9	.2021 12:00	Units mg/kg mg/kg	% Moisture: Basis: Wet Analysis Date 03.01.2021 16:40 03.01.2021 16:40	: Weight Flag U U	1 1
Tech:DVMAnalyst:ARMSeq Number:3152218ParameterGasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result <49.9	RL 49.9	.2021 12:00	Units mg/kg	% Moisture: Basis: Wet Analysis Date 03.01.2021 16:40	Weight Flag U	1

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Certificate of Analytical Results 689544

Tetra Tech- Midland, Midland, TX

Sharbro Fed 1 Battery

Sample Id: Lab Sample Id	AH-2 (3.5'-4') : 689544-008		Matrix: Date Colle	Soil cted: 02.25.2021 00:00		Date Received	1:02.26.2021 13	:57
Analytical Me Tech:	thod: BTEX by EPA 802 KTL	21B				Prep Method:	SW5035A	
Analyst:	KTL 3152003		Date Prep:	02.28.2021 17:15		% Moisture: Basis:	Wet Weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil

T ur uniceer	Cubitumbe	100000	KL		Onus	Analysis Date	Tiag	DI
Benzene	71-43-2	< 0.00198	8 0.00198		mg/kg	02.28.2021 20:32	U	1
Toluene	108-88-3	< 0.00198	8 0.00198		mg/kg	02.28.2021 20:32	U	1
Ethylbenzene	100-41-4	< 0.00198	8 0.00198		mg/kg	02.28.2021 20:32	U	1
m,p-Xylenes	179601-23-1	< 0.0039	7 0.00397		mg/kg	02.28.2021 20:32	U	1
o-Xylene	95-47-6	< 0.00198	8 0.00198		mg/kg	02.28.2021 20:32	U	1
Total Xylenes	1330-20-7	< 0.00198	8 0.00198		mg/kg	02.28.2021 20:32	U	1
Total BTEX		< 0.00198	8 0.00198		mg/kg	02.28.2021 20:32	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	83	%	70-130	02.28.2021 20:32		
1,4-Difluorobenzene		540-36-3	104	%	70-130	02.28.2021 20:32		

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Environment Testing

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Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- **F** RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- **JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.	ND Not Detected			
RL Reporting Limit				
MDL Method Detection Limit	SDL Sample De	tection Limit	LOD Limit of Detection	
PQL Practical Quantitation Limit	MQL Method Qu	antitation Limit	LOQ Limit of Quantitatio	n
DL Method Detection Limit				
NC Non-Calculable				
SMP Client Sample		BLK	Method Blank	
BKS/LCS Blank Spike/Laboratory	Control Sample	BKSD/LCSD	Blank Spike Duplicate/Labo	ratory Control Sample Duplicate
MD/SD Method Duplicate/Samp	ple Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NELAC certification not offered	l for this compound.			

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Received by OCD: 10/14/2021 3:27:33 PM

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QC Summary 689544

Tetra Tech- Midland

Sharbro Fed 1 Battery

Analytical Method: Seq Number: MB Sample Id:	Inorganic 3152036 7722206-1-		y EPA 300		Matrix: nple Id:	Solid 7722206-2	I-BKS			ep Metho Date Pro D Sample	ep: 02.2	0P 28.2021 2206-1-BSD	
Parameter		MB	Spike		LCS	LCSD	LCSD	Limits	%RPD	RPD	Units	Analysis	Flag
Chloride		Result <5.00	Amount 250	Result 245	%Rec 98	Result 244	%Rec 98	90-110	0	Limit 20	mg/kg	Date 02.28.2021 19:35	
Chionae		<5.00	230	243	90	244	98	90-110	0	20	ing/kg	02.20.2021 19.55	
Analytical Method:	0	Anions by	y EPA 300						Pı	ep Metho			
Seq Number: Parent Sample Id:	3152036 689542-016	5			Matrix:	Soil 689542-0	65		MS	Date Pro	-	28.2021 542-016 SD	
Parameter	007542-010	Parent	Spike	MS	MS	MSD	MSD	Limits	%RPD	RPD	Units	Analysis	Flag
		Result	Amount	Result	%Rec	Result	%Rec	00 110	0	Limit	л	Date	g
Chloride		18.3	251	258	95	259	96	90-110	0	20	mg/kg	02.28.2021 21:06	
	_												
Analytical Method: Seq Number:	Inorganic A 3152036	Anions by	y EPA 300		Matrix:	Soil			Pı	ep Metho Date Pro		0P 28.2021	
Parent Sample Id:	689547-011	l				689547-0	11 S		MS		-	547-011 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		9.81	249	247	95	247	95	90-110	0	20	mg/kg	02.28.2021 19:51	
Analytical Method: Seq Number:	TPH By SV 3152218	W8015 M	od		Matrix:	Solid			Pı	ep Metho Date Pro		8015P)1.2021	
MB Sample Id:	7722323-1-	BLK		LCS Sar	nple Id:	7722323-	I-BKS		LCS	D Sample	e Id: 772	2323-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb		<50.0	1000	922	92	955	96	70-130	4	20	mg/kg	03.01.2021 11:09	
Diesel Range Organics	(DRO)	<50.0	1000	872	87	881	88	70-130	1	20	mg/kg	03.01.2021 11:09	
Surrogate												Amalmaia	
		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			mits	Units	Analysis Date	
1-Chlorooctane				%					g	mits -130	Units %	Date 03.01.2021 11:09	
1-Chlorooctane o-Terphenyl		%Rec		%	Rec		%Re		g 70			Date	
o-Terphenyl	трн ву су	%Rec 80 91	Flag	%	Rec 81		% Re		g 70 70	-130 -130	% %	Date 03.01.2021 11:09 03.01.2021 11:09	
	TPH By SV 3152218	%Rec 80 91	Flag	%	Rec 81	Flag	% Re		g 70 70	-130	% % od: SW	Date 03.01.2021 11:09	
o-Terphenyl Analytical Method:	-	%Rec 80 91	Flag	%	Rec 81 88 Matrix:	Flag	%Rec 84 90		g 70 70	-130 -130 rep Metho	% % od: SW	Date 03.01.2021 11:09 03.01.2021 11:09 8015P	
o-Terphenyl Analytical Method:	-	%Rec 80 91	Flag	%	Rec 81 88 Matrix:	Flag Solid	%Rec 84 90		g 70 70	-130 -130 rep Metho	% % od: SW	Date 03.01.2021 11:09 03.01.2021 11:09 8015P	Flag
o-Terphenyl Analytical Method: Seq Number:	3152218	%Rec 80 91	Flag	% MB Sar MB	Rec 81 88 Matrix:	Flag Solid	%Rec 84 90		g 70 70	-130 -130 rep Metho	% % od: SW ep: 03.0	Date 03.01.2021 11:09 03.01.2021 11:09 8015P 01.2021 Analysis	Flag

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference $\begin{array}{l} [D] = 100*(C-A) \ / \ B \\ RPD = 200* \ | \ (C-E) \ / \ (C+E) \ | \\ [D] = 100*(C) \ / \ [B] \\ Log \ Diff. = Log(Sample \ Duplicate) \ - \ Log(Original \ Sample) \end{array}$

 $LCS = Laboratory \ Control \ Sample \\ A = Parent \ Result \\ C = MS/LCS \ Result \\ E = MSD/LCSD \ Result$

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

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Page 24 of 27

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QC Summary 689544

Prep Method: SW8015P

Tetra Tech- Midland

Sharbro Fed 1 Battery

Environment Testing

Seq Number:	3152218			I	Matrix:	Soil				Date Pr	ep: 03.0	01.2021	
Parent Sample Id:	689607-001	l		MS San	nple Id:	689607-00	01 S		MS	D Sample	e Id: 689	607-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarl	bons (GRO)	<49.8	996	907	91	908	91	70-130	0	20	mg/kg	03.01.2021 12:11	
Diesel Range Organics	(DRO)	<49.8	996	830	83	821	82	70-130	1	20	mg/kg	03.01.2021 12:11	
Surrogate				M %1	IS Rec	MS Flag	MSE %Re			imits	Units	Analysis Date	
1-Chlorooctane				7	9		79		70	-130	%	03.01.2021 12:11	
o-Terphenyl				8	1		79		70	-130	%	03.01.2021 12:11	

Analytical Method:	BTEX by EPA 8021	В						P	rep Metho	od: SW	5035A	
Seq Number:	3152003]	Matrix:	Solid				Date Pr	ep: 02.2	28.2021	
MB Sample Id:	7722170-1-BLK		LCS San	nple Id:	7722170-	I-BKS		LCS	D Sample	e Id: 772	2170-1-BSD	
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.100	0.127	127	0.125	125	70-130	2	35	mg/kg	02.28.2021 10:32	
Toluene	< 0.00200	0.100	0.115	115	0.109	109	70-130	5	35	mg/kg	02.28.2021 10:32	
Ethylbenzene	< 0.00200	0.100	0.111	111	0.104	104	70-130	7	35	mg/kg	02.28.2021 10:32	
m,p-Xylenes	< 0.00400	0.200	0.243	122	0.220	110	70-130	10	35	mg/kg	02.28.2021 10:32	
o-Xylene	< 0.00200	0.100	0.113	113	0.102	102	70-130	10	35	mg/kg	02.28.2021 10:32	
Surrogate	MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			imits	Units	Analysis Date	
1,4-Difluorobenzene	127		1	06		106		70	-130	%	02.28.2021 10:32	
4-Bromofluorobenzene	73		9	02		88		70	-130	%	02.28.2021 10:32	

Analytical Method: Seq Number: Parent Sample Id:	BTEX by EPA 8021 3152003 689542-005	lB	MS Sar	Matrix: nple Id:	Soil 689542-00)5 S			rep Metho Date Pre D Sample	p: 02.2	5035A 28.2021 9542-005 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.100	0.0530	53	0.0976	97	70-130	59	35	mg/kg	02.28.2021 11:14	XF
Toluene	< 0.00200	0.100	0.0426	43	0.0729	72	70-130	52	35	mg/kg	02.28.2021 11:14	XF
Ethylbenzene	< 0.00200	0.100	0.0313	31	0.0555	55	70-130	56	35	mg/kg	02.28.2021 11:14	XF
m,p-Xylenes	< 0.00401	0.200	0.0606	30	0.112	55	70-130	60	35	mg/kg	02.28.2021 11:14	XF
o-Xylene	< 0.00200	0.100	0.0304	30	0.0513	51	70-130	51	35	mg/kg	02.28.2021 11:14	XF
Surrogate				1S Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1,4-Difluorobenzene			1	01		104		70	-130	%	02.28.2021 11:14	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

4-Bromofluorobenzene

 $\label{eq:c-A} \begin{array}{l} [D] = 100^{*}(C\text{-}A) \ / \ B \\ RPD = 200^{*} \ | \ (C\text{-}E) \ / \ (C\text{+}E) \ | \\ [D] = 100^{*} \ (C) \ / \ [B] \\ Log \ Diff. = Log(Sample \ Duplicate) \ - \ Log(Original \ Sample) \end{array}$

 $LCS = Laboratory \ Control \ Sample \\ A = Parent \ Result \\ C = MS/LCS \ Result \\ E = MSD/LCSD \ Result$

91

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

02.28.2021 11:14

Page 25 of 27

82

70-130

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ived by O	(<i>D</i> : 1% elinquished by:	14/20 zeniirquisrieu by.	baling links of her	2 Melinquisned by:		2121									(LAB USE)	LAB #		Comments:	Receiving Laboratory:	Invoice to:	Project Location: (county, state)	Project Name:		
	Date: Time:		0	Date: Time:			AH-2 (3.5'-4')	AH-2 (2.5'-3')	AH-2 (1.5'-2')	AH-2 (0-1')	AH-1 (3.5'-4')	AH-1 (2.5'-3')	AH-1 (1.5'-2')	AH-1 (0-1')		SAMPLE IDENTIFICATION			Xenco	James Kennedy	Lea County, New Mexico	Sharbro Fed 1 Battery	EOG	Tetra Tech, Inc.
ORIGINAL COPY	Received by:	Heconved by:	A	Received by:			2/25/2021	2/25/2021	2/25/2021	2/25/2021	2/25/2021	2/25/2021	2/25/2021	2/25/2021	DATE	YEAR: 2021	SAMPLING		Sampler Signature:		Project #:		Site Manager:	
×	Date: Time:	Date: Time:	march	Date: Time:						×	×	x	x	X X	WATEF SOIL HCL HNO ₃ ICE None	1 R	MATRIX PRESERVATIVE METHOD		Devin Dominguez				Clair Gonzales	900 West Wall Street, Ste 100 Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946
(Circle)	,		1357	LA		:	z × :	z X	×					N X	# CONT, FILTERE BTEX 80 TPH TX1	ED (Y 021B 1005	RS //N) BTE (Ext to							
HAND DELIVERES FEDEX		Sample Temperature		LAB USE REMARKS:						×	×	×	×		TPH 801 PAH 827 Total Met TCLP Me TCLP Vo TCLP Se RCI GC/MS V GC/MS S	OC als A tals A latiles mi Vc	g As B Ag As E s platiles 260B /	a Cd Cr F 3a Cd Cr 624	Pb Se H Pb Se I	g			ž	Ч.
UPS Tracking #:	Special Report Limits or TRRP Report	RUSH : Same Day 24 hr 48 hr Rush Charges Authorized				>	× ;	× ;	×	×	×	×	×	×	PCB's 80 NORM PLM (Ast Chloride Chloride General N Anion/Ca	082 / pesto: Su Wate tion I	608 s) Ilfate r Cher	TDS nistry (se		hed lis	t)	Specify Method No.)	REQUEST	89544
ed to In		9		11	09:3	647									TPH 801	5R								

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Tetra Tech- Midland	Acceptable Temperature Range: 0 - 6 degC
Date/ Time Received: 02.26.2021 01.57.00 PM	Air and Metal samples Acceptable Range: Ambient
Work Order #: 689544	Temperature Measuring device used : IR8
Sample Recei	pt Checklist Comments
#1 *Temperature of cooler(s)?	4.2
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles?	N/A
#6*Custody Seals Signed and dated?	N/A
#7 *Chain of Custody present?	Yes
#8 Any missing/extra samples?	No
#9 Chain of Custody signed when relinquished/ received?	Yes
#10 Chain of Custody agrees with sample labels/matrix?	Yes
#11 Container label(s) legible and intact?	Yes
#12 Samples in proper container/ bottle?	Yes
#13 Samples properly preserved?	Yes
#14 Sample container(s) intact?	Yes
#15 Sufficient sample amount for indicated test(s)?	Yes
#16 All samples received within hold time?	Yes
#17 Subcontract of sample(s)?	N/A
#18 Water VOC samples have zero headspace?	N/A

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by: Billion Tall Brianna Teel

Date: 02.26.2021

Checklist reviewed by: Jession Vramer

Jessica Kramer

Date: 02.26.2021

Received by OCD: 10/14/2021 3:27:33 PM

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Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-400-1

Client Project/Site: Sharbro Federal #2 Battery

For:

Tetra Tech, Inc. 901 W Wall Ste 100 Midland, Texas 79701

Attn: Clair Gonzales

VRAMER

Authorized for release by: 3/19/2021 10:24:42 AM

Jessica Kramer, Project Manager (432)704-5440 jessica.kramer@eurofinset.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Ask-

The

Released to Imaging: 11/1/2021 11:09:36 AM

Page 57 of 137

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	17
Lab Chronicle	20
Certification Summary	23
Method Summary	24
Sample Summary	25
Chain of Custody	26
Receipt Checklists	27

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery

GC VOA		
Qualifier	Qualifier Description	
S1-	Surrogate recovery exceeds control limits, low biased.	
U	Indicates the analyte was analyzed for but not detected.	5
GC Semi VO	Α	
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	
HPLC/IC		
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	8
Glossary		
Abbreviation	These commonly used abbreviations may or may not be present in this report.	9
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis	1(
%R	Percent Recovery	
CFL	Contains Free Liquid	
CFU	Colony Forming Unit	
CNF	Contains No Free Liquid	
DER	Duplicate Error Ratio (normalized absolute difference)	
Dil Fac	Dilution Factor	44
DL	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	
MQL	Method Quantitation Limit	
NC	Not Calculated	
	Not Detected at the reporting limit (or MDL or EDL if shown)	
	Negative / Absent	
POS	Positive / Present Practical Quantitation Limit	
PQL	Practical Quantitation Limit	
PRES	Presumptive Quality Control	
QC RER	Quality Control Relative Error Ratio (Radiochemistry)	
RL	Reporting Limit or Requested Limit (Radiochemistry)	
RPD	Reporting Limit or Requested Limit (Radiocnemistry) Relative Percent Difference, a measure of the relative difference between two points	
TEF	Toxicity Equivalent Factor (Dioxin)	
TEQ	Toxicity Equivalent Quotient (Dioxin)	

Job ID: 880-400-1

3/19/2021

Job ID: 880-400-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-400-1

Receipt

The samples were received on 3/15/2021 1:04 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 2.2°C

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-400-A-1-A MS). Evidence of matrix interference is present; therefore,

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

GC Semi VOA

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.

Job ID: 880-400-1

Page 60 of 137

Job ID: 880-400-1

Lab Sample ID: 880-400-1

Client: Tetra Tech, Inc. Project/Site: Sharbro Fed	eral #2 Batterv
Client Sample ID: A	
Analyte	Result Qualifier

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	Method	Prep Type
Chloride	21.2		5.02		mg/Kg	1	300.0	Soluble
Client Sample ID: AH3 (1'	-2)					Lab	Sample ID): 880-400-2
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D Method	Ргер Туре
Chloride	6.11		4.98		mg/Kg	1	300.0	Soluble
Client Sample ID: AH3 (3'	-4')					Lab	Sample ID): 880-400-3
No Detections.								
Client Sample ID: AH4 (0'	-1')					Lab	Sample ID): 880-400-4
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac) Method	Ргер Туре
Diesel Range Organics (Over	1420		50.2		mg/Kg	1	8015B NM	Total/NA
C10-C28) Total TPH	1420		50.2		mg/Kg	1	8015B NM	Total/NA
Chloride	1420		50.2 4.97		0 0	1	300.0	Soluble
	197		4.97		mg/Kg	1	300.0	Soluple
Client Sample ID: AH4 (1'	-2')					Lab	Sample ID): 880-400-5
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac) Method	Ргер Туре
Total BTEX	0.00219		0.00199		mg/Kg	1	8021B	Total/NA
o-Xylene	0.00219		0.00199		mg/Kg	1	8021B	Total/NA
Chloride	13.0		4.97		mg/Kg	1	300.0	Soluble
Client Sample ID: AH4 (3'	-4')					Lab	Sample ID): 880-400-6
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D Method	Ргер Туре
Chloride	20.2		4.95		mg/Kg	1	300.0	Soluble
Client Sample ID: AH5 (0'	-1')					Lab	Sample ID): 880-400-7
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac) Method	Prep Type
Chloride	6.46		5.01		mg/Kg	1	300.0	Soluble
Client Sample ID: AH5 (1'	-2')					Lab	Sample ID): 880-400-8
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac) Method	Prep Type
Chloride	8.17		5.03		mg/Kg	1	300.0	Soluble
Client Sample ID: AH5 (3'	-4')					Lab	Sample ID): 880-400-9
Analyte	Pocult	Qualifier	DI	МП	Unit	Dil Eac. [Mathod	Pron Type

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D Method	Prep Type
Chloride	6.86		5.05		mg/Kg	1	300.0	Soluble

This Detection Summary does not include radiochemical test results.

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery

Client Sample ID: AH3 (0'-1') Date Collected: 03/12/21 08:00 Date Received: 03/15/21 13:04

Method: 8021B - Volatile O	rganic Compo	unds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/15/21 13:54	03/15/21 18:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/15/21 13:54	03/15/21 18:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/15/21 13:54	03/15/21 18:10	1
Total BTEX	<0.00201	U	0.00201		mg/Kg		03/15/21 13:54	03/15/21 18:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/15/21 13:54	03/15/21 18:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/15/21 13:54	03/15/21 18:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/15/21 13:54	03/15/21 18:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				03/15/21 13:54	03/15/21 18:10	1
1,4-Difluorobenzene (Surr)	87		70 - 130				03/15/21 13:54	03/15/21 18:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		03/16/21 16:25	03/16/21 21:20	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		03/16/21 16:25	03/16/21 21:20	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/21 16:25	03/16/21 21:20	1
Total TPH	<49.9	U	49.9		mg/Kg		03/16/21 16:25	03/16/21 21:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				03/16/21 16:25	03/16/21 21:20	1
o-Terphenyl	110		70 - 130				03/16/21 16:25	03/16/21 21:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.2	5.02		mg/Kg			03/18/21 13:43	1
	0)							400.0

Client Sample ID: AH3 (1'-2) Date Collected: 03/12/21 08:30 Date Received: 03/15/21 13:04

Lab Sample ID: 880-400-2 Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00202	U	0.00202		mg/Kg		03/15/21 13:54	03/15/21 18:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/15/21 13:54	03/15/21 18:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/15/21 13:54	03/15/21 18:37	1
Total BTEX	<0.00202	U	0.00202		mg/Kg		03/15/21 13:54	03/15/21 18:37	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/15/21 13:54	03/15/21 18:37	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/15/21 13:54	03/15/21 18:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/15/21 13:54	03/15/21 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				03/15/21 13:54	03/15/21 18:37	1
1,4-Difluorobenzene (Surr)	90		70 - 130				03/15/21 13:54	03/15/21 18:37	1
Method: 8015B NM - Diese	Range Organ	ics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		03/16/21 16:25	03/16/21 22:23	1

Job ID: 880-400-1

Lab Sample ID: 880-400-1 Matrix: Solid

Page 6 of 27

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery

Client Sample ID: AH3 (1'-2) Date Collected: 03/12/21 08:30 Date Received: 03/15/21 13:04

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<50.2	U	50.2		mg/Kg		03/16/21 16:25	03/16/21 22:23	1
C10-C28) Oll Range Organics (Over C28-C36)	<50.2	п	50.2		mg/Kg		03/16/21 16:25	03/16/21 22:23	
Total TPH	<50.2		50.2		mg/Kg			03/16/21 22:23	
	\$30.2	0	50.2		iiig/itg		03/10/21 10:23	00/10/21 22.20	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	105		70 - 130				03/16/21 16:25	03/16/21 22:23	
o-Terphenyl	107		70 - 130				03/16/21 16:25	03/16/21 22:23	
_ Method: 300.0 - Anions, Ion C	hromatoura	nhy - Solu	ible						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	6.11		4.98		mg/Kg		·	03/18/21 13:50	1
- Client Comple ID: AU2 /2'	<u> </u>						Lob Som		400.3
Client Sample ID: AH3 (3'-	4)						Lap Sam	ple ID: 880-	
Date Collected: 03/12/21 09:00								Matrix	: Solic
Date Received: 03/15/21 13:04									
Method: 8021B - Volatile Orga	nic Compo	unds (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00201	U	0.00201		mg/Kg		03/15/21 13:54	03/15/21 19:04	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/15/21 13:54	03/15/21 19:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/15/21 13:54	03/15/21 19:04	1
Total BTEX	<0.00201	U	0.00201		mg/Kg		03/15/21 13:54	03/15/21 19:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/15/21 13:54	03/15/21 19:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/15/21 13:54	03/15/21 19:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/15/21 13:54	03/15/21 19:04	1
	0/ D	Qualifian	Limits				Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Quaimer	LIIIIIIS						
Surrogate 4-Bromofluorobenzene (Surr)	%Recovery 96	Quaimer	70 - 130				03/15/21 13:54	03/15/21 19:04	1
		Quaimer						03/15/21 19:04 03/15/21 19:04	1
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr)	96 94		70 - 130 70 - 130						
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Ra	96 94 ange Organ	ics (DRO)	70 - 130 70 - 130 (GC)	МП	Unit	п	03/15/21 13:54	03/15/21 19:04	1
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Ra Analyte	96 94 ange Organ Result	<mark>ics (DRO)</mark> Qualifier	70 - 130 70 - 130 (GC) RL	MDL		D	03/15/21 13:54 Prepared	03/15/21 19:04	Dil Fac
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics	96 94 ange Organ	<mark>ics (DRO)</mark> Qualifier	70 - 130 70 - 130 (GC)	MDL	Unit mg/Kg	<u>D</u>	03/15/21 13:54	03/15/21 19:04	1
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Ra Analyte	96 94 ange Organ Result	<mark>ics (DRO)</mark> Qualifier U	70 - 130 70 - 130 (GC) RL	MDL		<u>D</u>	03/15/21 13:54 Prepared 03/16/21 16:25	03/15/21 19:04	Dil Fac
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	96 94 ange Organ Result <50.0	<mark>ics (DRO)</mark> Qualifier U	70 - 130 70 - 130 (GC) RL 50.0	MDL	mg/Kg	<u>D</u>	03/15/21 13:54 Prepared 03/16/21 16:25	03/15/21 19:04 <u>Analyzed</u> 03/16/21 22:44	Dil Fac
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	96 94 ange Organ Result <50.0	i <mark>cs (DRO)</mark> Qualifier U	70 - 130 70 - 130 (GC) RL 50.0	MDL	mg/Kg	<u>D</u>	03/15/21 13:54 Prepared 03/16/21 16:25 03/16/21 16:25	03/15/21 19:04 <u>Analyzed</u> 03/16/21 22:44	Dil Fac
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	96 94 ange Organ Result <50.0 <50.0	i <mark>cs (DRO)</mark> Qualifier U U	70 - 130 70 - 130 (GC) RL 50.0 50.0	MDL	mg/Kg mg/Kg	<u> </u>	03/15/21 13:54 Prepared 03/16/21 16:25 03/16/21 16:25 03/16/21 16:25	03/15/21 19:04 <u>Analyzed</u> 03/16/21 22:44 03/16/21 22:44	Dil Fac
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	96 94 ange Organ Result <50.0 <50.0 <50.0	ics (DRO) Qualifier U U U U	70 - 130 70 - 130 (GC) RL 50.0 50.0 50.0	MDL	mg/Kg mg/Kg mg/Kg	<u> </u>	03/15/21 13:54 Prepared 03/16/21 16:25 03/16/21 16:25 03/16/21 16:25	03/15/21 19:04 Analyzed 03/16/21 22:44 03/16/21 22:44 03/16/21 22:44	1 Dil Fac 1 1
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH	96 94 ange Organ Result <50.0 <50.0 <50.0 <50.0	ics (DRO) Qualifier U U U U	70 - 130 70 - 130 (GC) RL 50.0 50.0 50.0 50.0 50.0	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	03/15/21 13:54 Prepared 03/16/21 16:25 03/16/21 16:25 03/16/21 16:25 03/16/21 16:25 Prepared	03/15/21 19:04 Analyzed 03/16/21 22:44 03/16/21 22:44 03/16/21 22:44	1 Dil Fac 1 1 1 1
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate	96 94 ange Organ Result <50.0 <50.0 <50.0 <50.0 <50.0	ics (DRO) Qualifier U U U U	70 - 130 70 - 130 (GC) RL 50.0 50.0 50.0 50.0 50.0	MDL	mg/Kg mg/Kg mg/Kg	<u> </u>	03/15/21 13:54 Prepared 03/16/21 16:25 03/16/21 16:25 03/16/21 16:25 Prepared 03/16/21 16:25	03/15/21 19:04 Analyzed 03/16/21 22:44 03/16/21 22:44 03/16/21 22:44 03/16/21 22:44 Analyzed	Dil Fac
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane o-Terphenyl	96 94 ange Organ Result <50.0 <50.0 <50.0 <50.0 <50.0 %Recovery 104 103	ics (DRO) Qualifier U U U Qualifier	70 - 130 70 - 130 (GC) RL 50.0 50.0 50.0 50.0 50.0 50.0 50.0 70 - 130 70 - 130 70 - 130	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	03/15/21 13:54 Prepared 03/16/21 16:25 03/16/21 16:25 03/16/21 16:25 Prepared 03/16/21 16:25	03/15/21 19:04 Analyzed 03/16/21 22:44 03/16/21 22:44 03/16/21 22:44 03/16/21 22:44 Analyzed 03/16/21 22:44	Dil Fac
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane	96 94 ange Organ Result <50.0 <50.0 <50.0 <50.0 <50.0 <50.0 <104 103	ics (DRO) Qualifier U U U Qualifier	70 - 130 70 - 130 (GC) RL 50.0 50.0 50.0 50.0 50.0 50.0 50.0 70 - 130 70 - 130 70 - 130		mg/Kg mg/Kg mg/Kg	<u>D</u>	03/15/21 13:54 Prepared 03/16/21 16:25 03/16/21 16:25 03/16/21 16:25 Prepared 03/16/21 16:25	03/15/21 19:04 Analyzed 03/16/21 22:44 03/16/21 22:44 03/16/21 22:44 03/16/21 22:44 Analyzed 03/16/21 22:44	Dil Fac

Page 62 of 137

5

6

Job ID: 880-400-1

Lab Sample ID: 880-400-2

Matrix: Solid

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery

Client Sample ID: AH4 (0'-1') Date Collected: 03/12/21 09:30 Date Received: 03/15/21 13:04

Method: 8021B - Volatile O	rganic Compo	unds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/15/21 13:54	03/15/21 19:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/15/21 13:54	03/15/21 19:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/15/21 13:54	03/15/21 19:31	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		03/15/21 13:54	03/15/21 19:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/15/21 13:54	03/15/21 19:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/15/21 13:54	03/15/21 19:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/15/21 13:54	03/15/21 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				03/15/21 13:54	03/15/21 19:31	1
1,4-Difluorobenzene (Surr)	76		70 - 130				03/15/21 13:54	03/15/21 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.2	U	50.2		mg/Kg		03/16/21 16:25	03/16/21 23:05	1
(GRO)-C6-C10									
Diesel Range Organics (Over	1420		50.2		mg/Kg		03/16/21 16:25	03/16/21 23:05	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/16/21 16:25	03/16/21 23:05	1
Total TPH	1420		50.2		mg/Kg		03/16/21 16:25	03/16/21 23:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				03/16/21 16:25	03/16/21 23:05	1
o-Terphenyl	98		70 - 130				03/16/21 16:25	03/16/21 23:05	1

Method: 300.0 - Anions. Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	197		4.97		mg/Kg			03/18/21 14:00	1
Client Sample ID: AH4 (1'-2'	')						Lab Sam	ple ID: 880-	400-5

Client Sample ID: AH4 (1'-2') Date Collected: 03/12/21 10:00 Date Received: 03/15/21 13:04

Method: 8021B - Volatile Organic Compounds (GC) Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac <0.00199 U 0.00199 03/15/21 13:54 03/15/21 19:56 mg/Kg 1 <0.00199 U 0.00199 mg/Kg 03/15/21 13:54 03/15/21 19:56 1 0.00199 <0.00199 U mg/Kg 03/15/21 13:54 03/15/21 19:56 1 0.00199 03/15/21 13:54 03/15/21 19:56 0.00219 mg/Kg 1 <0.00398 U 0.00398 mg/Kg 03/15/21 13:54 03/15/21 19:56 1 <0.00398 U 0.00398 mg/Kg 03/15/21 13:54 03/15/21 19:56 1 0.00199 mg/Kg 03/15/21 13:54 03/15/21 19:56 0.00219 1 %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 116 70 - 130 03/15/21 13:54 03/15/21 19:56 1 03/15/21 13:54 03/15/21 19:56 1,4-Difluorobenzene (Surr) 97 70 - 130 1

Method: 8015B NM - Diesel Ra	ange Organics (I	DRO) (GC)				
Analyte	Result Qual	lifier RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8 U	49.8	mg/Kg	03/16/21 16:25	03/16/21 23:26	1

(GRO)-C6-C10

Analyte

Benzene

Toluene

Ethylbenzene

Total BTEX

o-Xylene

Surrogate

Xylenes, Total

m-Xylene & p-Xylene

Eurofins Xenco, Midland

Page 63 of 137

Job ID: 880-400-1

Lab Sample ID: 880-400-4 Matrix: Solid

5

6

Matrix: Solid

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery

Client Sample ID: AH4 (1'-2') Date Collected: 03/12/21 10:00 Date Received: 03/15/21 13:04

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/16/21 23:26	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/16/21 23:26	1
Total TPH	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/16/21 23:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				03/16/21 16:25	03/16/21 23:26	1
o-Terphenyl	105		70 - 130				03/16/21 16:25	03/16/21 23:26	1
Method: 300.0 - Anions, Ion	Chromatogra	iphy - Solu	ble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.0		4.97		mg/Kg			03/18/21 14:05	
ate Collected: 03/12/21 10:30)						Lab Sam	ple ID: 880- Matrix	
ate Collected: 03/12/21 10:30 ate Received: 03/15/21 13:04		unds (GC)					Lab Sam	-	
ate Collected: 03/12/21 10:30 ate Received: 03/15/21 13:04 Method: 8021B - Volatile Org	anic Compo	unds (GC) Qualifier	RL	MDL	Unit	D	Lab Sam	-	:: Solid
ate Collected: 03/12/21 10:30 ate Received: 03/15/21 13:04 Method: 8021B - Volatile Org Analyte	anic Compo	Qualifier		MDL	Unit mg/Kg	<u>D</u>		Matrix	:: Solic
pate Collected: 03/12/21 10:30 pate Received: 03/15/21 13:04 Method: 8021B - Volatile Org Analyte Benzene	anic Compo Result	Qualifier U		MDL		D	Prepared	Matrix Analyzed	:: Solic
ate Collected: 03/12/21 10:30 ate Received: 03/15/21 13:04 Method: 8021B - Volatile Org Analyte Benzene Ethylbenzene	anic Compo Result <0.00202	Qualifier U U	0.00202	MDL	mg/Kg	D	Prepared 03/16/21 15:47 03/16/21 15:47	Matrix Analyzed 03/18/21 18:19	:: Solic
ate Collected: 03/12/21 10:30 bate Received: 03/15/21 13:04 Method: 8021B - Volatile Org Analyte Benzene Ethylbenzene Toluene	anic Compo Result <0.00202 <0.00202	Qualifier U U U	0.00202	MDL	mg/Kg mg/Kg	<u>D</u>	Prepared 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47	Matrix <u>Analyzed</u> 03/18/21 18:19 03/18/21 18:19	Dil Fac
ate Collected: 03/12/21 10:30 ate Received: 03/15/21 13:04 Method: 8021B - Volatile Org Analyte Benzene Ethylbenzene Toluene Total BTEX	anic Compo Result <0.00202 <0.00202 <0.00202	Qualifier U U U U	0.00202 0.00202 0.00202	MDL	mg/Kg mg/Kg mg/Kg	D	Prepared 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47	Matrix Analyzed 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19	Dil Fac
ate Collected: 03/12/21 10:30 ate Received: 03/15/21 13:04 Method: 8021B - Volatile Org Analyte Benzene Ethylbenzene Toluene Total BTEX Xylenes, Total	anic Compo Result <0.00202 <0.00202 <0.00202 <0.00202 <0.00202	Qualifier U U U U U U	0.00202 0.00202 0.00202 0.00202	MDL	mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47	Matrix Analyzed 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19	Dil Fa
ate Collected: 03/12/21 10:30 ate Received: 03/15/21 13:04 Method: 8021B - Volatile Org Analyte Benzene Ethylbenzene Toluene Total BTEX Xylenes, Total m-Xylene & p-Xylene	anic Compo Result <0.00202 <0.00202 <0.00202 <0.00202 <0.00202 <0.00202 <0.00403	Qualifier U U U U U U U	0.00202 0.00202 0.00202 0.00202 0.00202 0.00403	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	D	Prepared 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47	Matrix <u>Analyzed</u> 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19	Dil Fa
Client Sample ID: AH4 (3 Date Collected: 03/12/21 10:30 Date Received: 03/15/21 13:04 Method: 8021B - Volatile Org Analyte Benzene Ethylbenzene Toluene Total BTEX Xylenes, Total m-Xylene & p-Xylene o-Xylene Surrogate	anic Compo Result <0.00202 <0.00202 <0.00202 <0.00202 <0.00202 <0.00403 <0.00403	Qualifier U U U U U U U U U U	0.00202 0.00202 0.00202 0.00202 0.00202 0.00403 0.00403	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47	Matrix <u>Analyzed</u> 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19	Dil Fac
ate Collected: 03/12/21 10:30 ate Received: 03/15/21 13:04 Method: 8021B - Volatile Org Analyte Benzene Ethylbenzene Toluene Total BTEX Xylenes, Total m-Xylene & p-Xylene o-Xylene	anic Compo Result <0.00202 <0.00202 <0.00202 <0.00202 <0.00403 <0.00403 <0.00202	Qualifier U U U U U U U U U U	0.00202 0.00202 0.00202 0.00202 0.00202 0.00403 0.00403 0.00202	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47 03/16/21 15:47	Matrix Analyzed 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19 03/18/21 18:19	Dil Fac

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.1	U	50.1		mg/Kg		03/16/21 16:25		1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.1	U	50.1		mg/Kg		03/16/21 16:25	03/16/21 23:47	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/16/21 16:25	03/16/21 23:47	1
Total TPH	<50.1	U	50.1		mg/Kg		03/16/21 16:25	03/16/21 23:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				03/16/21 16:25	03/16/21 23:47	1
o-Terphenyl	109		70 - 130				03/16/21 16:25	03/16/21 23:47	1
Method: 300.0 - Anions, Ion C	hromatogra	ιphy - Solι	ıble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

4.95

mg/Kg

03/18/21 14:20

5

6

Job ID: 880-400-1

Matrix: Solid

Lab Sample ID: 880-400-5

20.2

Chloride

1

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery

Client Sample ID: AH5 (0'-1') Date Collected: 03/12/21 11:00 Date Received: 03/15/21 13:04

Method: 8021B - Volatile O	rganic Compo	unds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/15/21 13:54	03/15/21 20:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/15/21 13:54	03/15/21 20:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/15/21 13:54	03/15/21 20:46	1
Total BTEX	<0.00198	U	0.00198		mg/Kg		03/15/21 13:54	03/15/21 20:46	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/15/21 13:54	03/15/21 20:46	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/15/21 13:54	03/15/21 20:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/15/21 13:54	03/15/21 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				03/15/21 13:54	03/15/21 20:46	1
1,4-Difluorobenzene (Surr)	98		70 - 130				03/15/21 13:54	03/15/21 20:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/17/21 00:08	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/17/21 00:08	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/17/21 00:08	1
Total TPH	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/17/21 00:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analvzed	Dil Fac
		Quanner					-		Dirrac
1-Chlorooctane	108		70 - 130				03/16/21 16:25	03/17/21 00:08	1
o-Terphenyl	111		70 - 130				03/16/21 16:25	03/17/21 00:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.46		5.01		mg/Kg			03/18/21 14:25	1
Client Sample ID: AH5 (1'-2')						Lab Sam	ple ID: 880-	400-8

Client Sample ID: AH5 (1'-2') Date Collected: 03/12/21 11:30 Date Received: 03/15/21 13:04

Method: 8021B - Volatile Or	ganic Compo	unds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00202	U	0.00202		mg/Kg		03/15/21 13:54	03/15/21 21:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/15/21 13:54	03/15/21 21:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/15/21 13:54	03/15/21 21:11	1
Total BTEX	<0.00202	U	0.00202		mg/Kg		03/15/21 13:54	03/15/21 21:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/15/21 13:54	03/15/21 21:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/15/21 13:54	03/15/21 21:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/15/21 13:54	03/15/21 21:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				03/15/21 13:54	03/15/21 21:11	1
1,4-Difluorobenzene (Surr)	100		70 - 130				03/15/21 13:54	03/15/21 21:11	1
Method: 8015B NM - Diesel	Range Organ	ics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/17/21 00:29	1

(GRO)-C6-C10

Eurofins Xenco, Midland

Lab Sample ID: 880-400-7 Matrix: Solid

5

6

Matrix: Solid

Job ID: 880-400-1

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery

Client Sample ID: AH5 (1'-2') Date Collected: 03/12/21 11:30 Date Received: 03/15/21 13:04

Method: 8015B NM - Diesel Ra	ange Organ	ics (DRO)	(GC) (Conti	nued)					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/17/21 00:29	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/17/21 00:29	1
Total TPH	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/17/21 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				03/16/21 16:25	03/17/21 00:29	1
o-Terphenyl	111		70 - 130				03/16/21 16:25	03/17/21 00:29	1
Method: 300.0 - Anions, Ion C	hromatogra	phy - Solu	ıble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.17		5.03		mg/Kg			03/18/21 14:30	1
Client Sample ID: AH5 (3'-	-4')						Lab Sam	ple ID: 880-	400-9
Date Collected: 03/12/21 12:00	-							Matrix	: Solid
Date Received: 03/15/21 13:04									
Method: 8021B - Volatile Orga	nic Compo	unds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/15/21 13:54	03/15/21 21:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/15/21 13:54	03/15/21 21:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/15/21 13:54	03/15/21 21:36	1
Total BTEX	<0.00199	U	0.00199		mg/Kg		03/15/21 13:54	03/15/21 21:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/15/21 13:54	03/15/21 21:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/15/21 13:54	03/15/21 21:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/15/21 13:54	03/15/21 21:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				03/15/21 13:54	03/15/21 21:36	1
1,4-Difluorobenzene (Surr)	102		70 - 130				03/15/21 13:54	03/15/21 21:36	1
_ Method: 8015B NM - Diesel Ra	ange Organ	ics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/17/21 00:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/17/21 00:50	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/17/21 00:50	1
Total TPH	<49.8	U	49.8		mg/Kg		03/16/21 16:25	03/17/21 00:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130					03/17/21 00:50	1
o-Terphenyl	108		70 - 130					03/17/21 00:50	1
_ Method: 300.0 - Anions, Ion C	hromatogra	phy - Solu	ıble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.86		5.05		mg/Kg			03/18/21 15:58	1

Job ID: 880-400-1

Matrix: Solid

Lab Sample ID: 880-400-8

Eurofins Xenco, Midland

Released to Imaging: 11/1/2021 11:09:36 AM

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery

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

			Per	cent Surrogate Rec
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-400-1	AH3 (0'-1')	91	87	
880-400-1 MS	AH3 (0'-1')	108	81	
880-400-1 MSD	AH3 (0'-1')	103	97	
880-400-2	AH3 (1'-2)	85	90	
880-400-3	AH3 (3'-4')	96	94	
880-400-4	AH4 (0'-1')	104	76	
880-400-5	AH4 (1'-2')	116	97	
880-400-6	AH4 (3'-4')	108	101	
880-400-7	AH5 (0'-1')	121	98	
880-400-8	AH5 (1'-2')	113	100	
880-400-9	AH5 (3'-4')	124	102	
LCS 880-484/1-A	Lab Control Sample	93	103	
LCSD 880-484/2-A	Lab Control Sample Dup	107	98	
MB 880-489/7	Method Blank	62 S1-	93	
Surrogate Legend				
BFB = 4-Bromofluoroben	zene (Surr)			

BFB = 4-Bromofluorobenzene (Surr) DFBZ = 1,4-Difluorobenzene (Surr)

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

			Percent Surroga	ate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-400-1	AH3 (0'-1')	109	110	
880-400-1 MS	AH3 (0'-1')	111	100	
880-400-1 MSD	AH3 (0'-1')	114	98	
880-400-2	AH3 (1'-2)	105	107	
880-400-3	AH3 (3'-4')	104	103	
880-400-4	AH4 (0'-1')	105	98	
880-400-5	AH4 (1'-2')	106	105	
880-400-6	AH4 (3'-4')	105	109	
880-400-7	AH5 (0'-1')	108	111	
880-400-8	AH5 (1'-2')	105	111	
880-400-9	AH5 (3'-4')	105	108	
LCS 880-513/2-A	Lab Control Sample	119	104	
LCSD 880-513/3-A	Lab Control Sample Dup	117	107	
MB 880-513/1-A	Method Blank	111	105	

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Job ID: 880-400-1

Prep Type: Total/NA

Prep Type: Total/NA

7

3

Page 67 of 137

QC Sample Results

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: LCS 880-484/1-A Matrix: Solid Analysis Batch: 489	Spike		LCS	Clien	nt Sar	nple ID	: Lab Control Sample Prep Type: Total/NA Prep Batch: 484 %Rec.
Analyte	Added	-	Qualifier	Unit	D	%Rec	Limits
			Guainter				
Benzene	0.100	0.09764		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.09476		mg/Kg		95	70 - 130
Toluene	0.100	0.09959		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2012		mg/Kg		101	70 - 130
o-Xylene	0.100	0.09496		mg/Kg		95	70 - 130
LCS LCS							

	200	200	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-484/2-A Matrix: Solid Analysis Batch: 489

Analysis Baton. 400						110	Duto		
	Spike	LCSD LCSD				%Rec.		RPD	
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1010	mg/Kg		101	70 - 130	3	35	
Ethylbenzene	0.100	0.1015	mg/Kg		102	70 - 130	7	35	
Toluene	0.100	0.1076	mg/Kg		108	70 - 130	8	35	
m-Xylene & p-Xylene	0.200	0.2163	mg/Kg		108	70 - 130	7	35	
o-Xylene	0.100	0.1036	mg/Kg		104	70 - 130	9	35	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-400-1 MS Matrix: Solid **Analysis Batch: 489**

Analysis Baton. 400									1100	
	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U	0.101	0.07469		mg/Kg		74	70 - 130	
Ethylbenzene	<0.00201	U	0.101	0.08816		mg/Kg		87	70 - 130	
Toluene	<0.00201	U	0.101	0.09006		mg/Kg		89	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.202	0.1868		mg/Kg		92	70 - 130	
o-Xylene	<0.00201	U	0.101	0.08937		mg/Kg		88	70 - 130	
	МС	MS								

	1//3	IW S	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: 880-400-1 MSD Matrix: Solid

Analysis Batch: 489									Prej	o Batch	i: 484
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U	0.0998	0.07424		mg/Kg		74	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.0998	0.07986		mg/Kg		80	70 - 130	10	35
Toluene	<0.00201	U	0.0998	0.08141		mg/Kg		82	70 - 130	10	35

Prep Type: Total/NA

Page	<u>68</u>	of	13	7

8

3

Client Sample ID: Lab	Control Sample Dup
	Prep Type: Total/NA

Prep Batch: 484

Client Sample ID: AH3 (0'-1') Prep Type: Total/NA Prep Batch: 484

Client Sample ID: AH3 (0'-1')

QC Sample Results

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery

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

97

Lab Sample ID: 880-400-1 Matrix: Solid Analysis Batch: 489	I MSD							Client	Sample ID Prep Ty Prep		al/NÁ
	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1688		mg/Kg		85	70 - 130	10	35
o-Xylene	<0.00201	U	0.0998	0.08041		mg/Kg		80	70 - 130	11	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	103		70 - 130								

70 - 130

Lab Sample ID: MB 880-489/7
Matrix: Solid
Analysis Batch: 489

1,4-Difluorobenzene (Surr)

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00200	U	0.00200		mg/Kg			03/15/21 17:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			03/15/21 17:43	1
Toluene	<0.00200	U	0.00200		mg/Kg			03/15/21 17:43	1
Total BTEX	<0.00200	U	0.00200		mg/Kg			03/15/21 17:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			03/15/21 17:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			03/15/21 17:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			03/15/21 17:43	1
	МВ	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	62	S1-	70 - 130			-		03/15/21 17:43	1
1,4-Difluorobenzene (Surr)	93		70 - 130					03/15/21 17:43	1

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

105

Lab Sample ID: MB 880-513/1-A
Matrix: Solid
Analysis Batch: 518

	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		03/16/21 16:25	03/16/21 20:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/21 16:25	03/16/21 20:17	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/21 16:25	03/16/21 20:17	1
Total TPH	<50.0	U	50.0		mg/Kg		03/16/21 16:25	03/16/21 20:17	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				03/16/21 16:25	03/16/21 20:17	1

70 - 130

Lab Sample ID:	LCS	880-513/2-A
Matrix: Solid		

o-Terphenyl

Analysis Batch: 518 Prep Batch: 513 Spike LCS LCS %Rec. Added Analyte **Result Qualifier** Unit D %Rec Limits 1000 1094 109 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10

Job ID: 880-400-1

Page 69 of 137

8

Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 513

Client Sample ID: Method Blank

Prep Type: Total/NA

Client Sample ID: Lab Control Sample Prep Type: Total/NA

03/16/21 16:25 03/16/21 20:17

1

QC Sample Results

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery

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

Lab Sample ID: LCS 880- Matrix: Solid Analysis Batch: 518	-513/2-A					Clier	nt Sai	mple ID	: Lab Cor Prep Ty		al/NA
			Spike	LCS	LCS				%Rec.	J Datti	1. 513
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics (Over C10-C28)			1000	1134		mg/Kg		113	70 - 130		
	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	119		70 - 130								
o-Terphenyl	104		70 - 130								
Lab Sample ID: LCSD 88	0-513/3-A				c	lient Sa	mple	ID: Lat	o Control		
Matrix: Solid									Prep Ty	-	
Analysis Batch: 518										o Batch	
			Spike	LCSD	LCSD				%Rec.		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1042		mg/Kg		104	70_130	5	20
Diesel Range Organics (Over C10-C28)			1000	1124		mg/Kg		112	70 - 130	1	20
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane			70 - 130								
o-Terphenyl	107		70 - 130								
Lab Sample ID: 880-400- Matrix: Solid Analysis Batch: 518								Client			al/NA
		Sample	Spike		MS				%Rec.		
Analyte		Qualifier	Added		Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9		1000	1056		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1074		mg/Kg		107	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane			70 - 130								
o-Terphenyl	100		70 - 130								
Lab Sample ID: 880-400- Matrix: Solid	1 MSD							Client	Sample ID Prep Ty		
Analysis Batch: 518										be. Tot	
	Sample	Sample	Spike	MSD	MSD				%Rec.	- Sator	RPD
Analyta		Qualifier	Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Analyte			1000	1036		mg/Kg		104	70 - 130	2	20
Analyte Gasoline Range Organics	<49.9	0									
· ·	<49.9 <49.9		1000	1157		mg/Kg		116	70 - 130	7	20
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<49.9		1000	1157		mg/Kg		116	70 - 130	7	20

Job ID: 880-400-1

15

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Lab Sample ID: MB 880-554/1-A

QC Sample Results

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery

Method: 300.0 - Anions, Ion Chromatography

Page 71 of 137

Job ID: 880-400-1

Client Sample ID: Method Blank

Matrix: Solid									Prep Ty	pe: So	luble
Analysis Batch: 563											
Analyte	Ba	MB MB sult Qualifier		RL	MDL Unit	D	п	renered	Analyz	ad I	Dil Fa
Chloride				5.00				repared	$-\frac{\text{Allayz}}{03/18/21}$		
Chionae		5.00 U		5.00	mg/ĸ	g			03/10/211	13:20	
Lab Sample ID: LCS 880-554/	2-A					Client	Sa	mple ID	: Lab Con	trol Sa	mple
Matrix: Solid									Prep Ty		
Analysis Batch: 563											
· · · · · , · · · · · · · · · · · · · · · · · · ·			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride			250	262.6		mg/Kg		105	90 - 110		
Lab Sampla ID: LCSD 990 EE	A12 A					Night Som			Control	Somela	. .
Lab Sample ID: LCSD 880-554 Matrix: Solid	4/ 3- A					Jient San	ihie	ID. Lat	Control S		
									Prep Ty	pe: 50	iubi
Analysis Batch: 563			Online	1.000	LCSD				0/ D = =		
Ameliate			Spike	_		11 14	~	0/ D = =	%Rec.	000	RPI
Analyte			Added		Qualifier	Unit	<u>D</u>	%Rec	Limits	RPD	Limi
Chloride			250	261.9		mg/Kg		105	90 - 110	0	2
Lab Sample ID: 880-400-1 MS								Client	Sample ID:	: AH3 ((0'-1'
Lab Sample ID: 880-400-1 MS Matrix: Solid								Client	Sample ID: Prep Ty		
Matrix: Solid								Client	Sample ID: Prep Ty		
-		Sample	Spike	MS	MS			Client			
Matrix: Solid	Sample	Sample Qualifier	Spike Added	_	MS Qualifier	Unit	D	Client \$	Prep Ty		
Matrix: Solid Analysis Batch: 563	Sample	•	-	_	-	Unit mg/Kg	D		Prep Ty %Rec.		
Matrix: Solid Analysis Batch: 563 Analyte Chloride	Sample Result 21.2	•	Added	Result	-		<u> </u>	%Rec	Prep Ty %Rec. Limits 90 - 110	pe: So	olubl
Matrix: Solid Analysis Batch: 563 Analyte Chloride Lab Sample ID: 880-400-1 MS	Sample Result 21.2	•	Added	Result	-		<u> </u>	%Rec	Prep Ty %Rec. Limits 90 - 110 Sample ID	pe: So)
Matrix: Solid Analysis Batch: 563 Analyte Chloride Lab Sample ID: 880-400-1 MS Matrix: Solid	Sample Result 21.2	•	Added	Result	-		<u> </u>	%Rec	Prep Ty %Rec. Limits 90 - 110	pe: So)lubl
Matrix: Solid Analysis Batch: 563 Analyte Chloride Lab Sample ID: 880-400-1 MS	Sample Result 21.2	Qualifier	Added	Result 275.5	-		<u>D</u>	%Rec	Prep Ty %Rec. Limits 90 - 110 Sample ID	pe: So 	(0'-1'
Matrix: Solid Analysis Batch: 563 Analyte Chloride Lab Sample ID: 880-400-1 MS Matrix: Solid	Sample Result 21.2 D Sample	•	Added 251	Result 275.5 MSD	Qualifier		_ <u>D</u>	%Rec	Prep Ty %Rec. Limits 90 - 110 Sample ID Prep Ty	pe: So 	(0'-1')

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QC Association Summary

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery Job ID: 880-400-1

> 5 6

9

GC VOA

Prep Batch: 484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-400-1	AH3 (0'-1')	Total/NA	Solid	5035	
880-400-2	AH3 (1'-2)	Total/NA	Solid	5035	
880-400-3	AH3 (3'-4')	Total/NA	Solid	5035	
880-400-4	AH4 (0'-1')	Total/NA	Solid	5035	
880-400-5	AH4 (1'-2')	Total/NA	Solid	5035	
880-400-7	AH5 (0'-1')	Total/NA	Solid	5035	
880-400-8	AH5 (1'-2')	Total/NA	Solid	5035	
880-400-9	AH5 (3'-4')	Total/NA	Solid	5035	
LCS 880-484/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-484/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-400-1 MS	AH3 (0'-1')	Total/NA	Solid	5035	
880-400-1 MSD	AH3 (0'-1')	Total/NA	Solid	5035	

Analysis Batch: 489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-400-1	AH3 (0'-1')	Total/NA	Solid	8021B	484
880-400-2	AH3 (1'-2)	Total/NA	Solid	8021B	484
880-400-3	AH3 (3'-4')	Total/NA	Solid	8021B	484
880-400-4	AH4 (0'-1')	Total/NA	Solid	8021B	484
880-400-5	AH4 (1'-2')	Total/NA	Solid	8021B	484
880-400-7	AH5 (0'-1')	Total/NA	Solid	8021B	484
880-400-8	AH5 (1'-2')	Total/NA	Solid	8021B	484
880-400-9	AH5 (3'-4')	Total/NA	Solid	8021B	484
MB 880-489/7	Method Blank	Total/NA	Solid	8021B	
LCS 880-484/1-A	Lab Control Sample	Total/NA	Solid	8021B	484
LCSD 880-484/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	484
880-400-1 MS	AH3 (0'-1')	Total/NA	Solid	8021B	484
880-400-1 MSD	AH3 (0'-1')	Total/NA	Solid	8021B	484

Prep Batch: 508

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-400-6	AH4 (3'-4')	Total/NA	Solid	5035	

Analysis Batch: 528

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-400-6	AH4 (3'-4')	Total/NA	Solid	8021B	508

GC Semi VOA Prep Batch: 513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-400-1	AH3 (0'-1')	Total/NA	Solid	8015NM Prep	
880-400-2	AH3 (1'-2)	Total/NA	Solid	8015NM Prep	
880-400-3	AH3 (3'-4')	Total/NA	Solid	8015NM Prep	
880-400-4	AH4 (0'-1')	Total/NA	Solid	8015NM Prep	
880-400-5	AH4 (1'-2')	Total/NA	Solid	8015NM Prep	
880-400-6	AH4 (3'-4')	Total/NA	Solid	8015NM Prep	
880-400-7	AH5 (0'-1')	Total/NA	Solid	8015NM Prep	
880-400-8	AH5 (1'-2')	Total/NA	Solid	8015NM Prep	
880-400-9	AH5 (3'-4')	Total/NA	Solid	8015NM Prep	
MB 880-513/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery

GC Semi VOA (Continued)

Prep Batch: 513 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-513/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-513/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-400-1 MS	AH3 (0'-1')	Total/NA	Solid	8015NM Prep	
880-400-1 MSD	AH3 (0'-1')	Total/NA	Solid	8015NM Prep	
Analysis Batch: 518	I				
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-400-1	AH3 (0'-1')	Total/NA	Solid	8015B NM	513
880-400-2	AH3 (1'-2)	Total/NA	Solid	8015B NM	513
880-400-3	AH3 (3'-4')	Total/NA	Solid	8015B NM	513
880-400-4	AH4 (0'-1')	Total/NA	Solid	8015B NM	513
880-400-5	AH4 (1'-2')	Total/NA	Solid	8015B NM	513
880-400-6	AH4 (3'-4')	Total/NA	Solid	8015B NM	513
880-400-7	AH5 (0'-1')	Total/NA	Solid	8015B NM	513
880-400-8	AH5 (1'-2')	Total/NA	Solid	8015B NM	513
880-400-9	AH5 (3'-4')	Total/NA	Solid	8015B NM	513
MB 880-513/1-A	Method Blank	Total/NA	Solid	8015B NM	513
LCS 880-513/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	513
LCSD 880-513/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	513
880-400-1 MS	AH3 (0'-1')	Total/NA	Solid	8015B NM	513
880-400-1 MSD	AH3 (0'-1')	Total/NA	Solid	8015B NM	513

HPLC/IC

Leach Batch: 554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-400-1	AH3 (0'-1')	Soluble	Solid	DI Leach	
880-400-2	AH3 (1'-2)	Soluble	Solid	DI Leach	
880-400-3	AH3 (3'-4')	Soluble	Solid	DI Leach	
880-400-4	AH4 (0'-1')	Soluble	Solid	DI Leach	
880-400-5	AH4 (1'-2')	Soluble	Solid	DI Leach	
880-400-6	AH4 (3'-4')	Soluble	Solid	DI Leach	
880-400-7	AH5 (0'-1')	Soluble	Solid	DI Leach	
880-400-8	AH5 (1'-2')	Soluble	Solid	DI Leach	
880-400-9	AH5 (3'-4')	Soluble	Solid	DI Leach	
MB 880-554/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-554/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-554/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-400-1 MS	AH3 (0'-1')	Soluble	Solid	DI Leach	
880-400-1 MSD	AH3 (0'-1')	Soluble	Solid	DI Leach	

Analysis Batch: 563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-400-1	AH3 (0'-1')	Soluble	Solid	300.0	554
880-400-2	AH3 (1'-2)	Soluble	Solid	300.0	554
880-400-3	AH3 (3'-4')	Soluble	Solid	300.0	554
880-400-4	AH4 (0'-1')	Soluble	Solid	300.0	554
880-400-5	AH4 (1'-2')	Soluble	Solid	300.0	554
880-400-6	AH4 (3'-4')	Soluble	Solid	300.0	554
880-400-7	AH5 (0'-1')	Soluble	Solid	300.0	554
880-400-8	AH5 (1'-2')	Soluble	Solid	300.0	554

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5 6

9

Job ID: 880-400-1

QC Association Summary

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery

HPLC/IC (Continued)

Analysis Batch: 563 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-400-9	AH5 (3'-4')	Soluble	Solid	300.0	554
MB 880-554/1-A	Method Blank	Soluble	Solid	300.0	554
LCS 880-554/2-A	Lab Control Sample	Soluble	Solid	300.0	554
LCSD 880-554/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	554
880-400-1 MS	AH3 (0'-1')	Soluble	Solid	300.0	554
880-400-1 MSD	AH3 (0'-1')	Soluble	Solid	300.0	554

Page 74 of 137

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Job ID: 880-400-1

Project/Site: Sharbro Federal #2 Battery

Client Sample ID: AH3 (0'-1')

Job ID: 880-400-1

Matrix: Solid

Matrix: Solid

Matrix: Solid

Lab Sample ID: 880-400-1 Matrix: Solid

Lab Sample ID: 880-400-3

Lab Sample ID: 880-400-4

Date Collected: 03/12/21 08:00 Date Received: 03/15/21 13:04

Client: Tetra Tech, Inc.

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			484	03/15/21 13:54	MR	XM
Total/NA	Analysis	8021B		1	489	03/15/21 18:10	MR	XM
Total/NA	Prep	8015NM Prep			513	03/16/21 16:25	DM	XM
Total/NA	Analysis	8015B NM		1	518	03/16/21 21:20	AM	XM
Soluble	Leach	DI Leach			554	03/18/21 10:22	SC	ХМ
Soluble	Analysis	300.0		1	563	03/18/21 13:43	WP	XM

Client Sample ID: AH3 (1'-2) Date Collected: 03/12/21 08:30 Date Received: 03/15/21 13:04

	Batch	Batch		Dilution	Batch	Prepared		
Prep Туре	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			484	03/15/21 13:54	MR	XM
Total/NA	Analysis	8021B		1	489	03/15/21 18:37	MR	XM
Total/NA	Prep	8015NM Prep			513	03/16/21 16:25	DM	XM
Total/NA	Analysis	8015B NM		1	518	03/16/21 22:23	AM	XM
Soluble	Leach	DI Leach			554	03/18/21 10:22	SC	XM
Soluble	Analysis	300.0		1	563	03/18/21 13:50	WP	XM

Client Sample ID: AH3 (3'-4') Date Collected: 03/12/21 09:00 Date Received: 03/15/21 13:04

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			484	03/15/21 13:54	MR	XM
Total/NA	Analysis	8021B		1	489	03/15/21 19:04	MR	XM
Total/NA	Prep	8015NM Prep			513	03/16/21 16:25	DM	XM
Total/NA	Analysis	8015B NM		1	518	03/16/21 22:44	AM	XM
Soluble	Leach	DI Leach			554	03/18/21 10:22	SC	XM
Soluble	Analysis	300.0		1	563	03/18/21 13:55	WP	XM

Client Sample ID: AH4 (0'-1') Date Collected: 03/12/21 09:30 Date Received: 03/15/21 13:04

_	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			484	03/15/21 13:54	MR	XM
Total/NA	Analysis	8021B		1	489	03/15/21 19:31	MR	XM
Total/NA	Prep	8015NM Prep			513	03/16/21 16:25	DM	XM
Total/NA	Analysis	8015B NM		1	518	03/16/21 23:05	AM	XM
Soluble	Leach	DI Leach			554	03/18/21 10:22	SC	XM
Soluble	Analysis	300.0		1	563	03/18/21 14:00	WP	XM

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13

Released to Imaging: 11/1/2021 11:09:36 AM

Project/Site: Sharbro Federal #2 Battery

Job ID: 880-400-1

Matrix: Solid

Lab Sample ID: 880-400-5 Matrix: Solid

Date Collected: 03/12/21 10:00 Date Received: 03/15/21 13:04

Client Sample ID: AH4 (1'-2')

Client: Tetra Tech, Inc.

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			484	03/15/21 13:54	MR	XM
Total/NA	Analysis	8021B		1	489	03/15/21 19:56	MR	XM
Total/NA	Prep	8015NM Prep			513	03/16/21 16:25	DM	XM
Total/NA	Analysis	8015B NM		1	518	03/16/21 23:26	AM	XM
Soluble	Leach	DI Leach			554	03/18/21 10:22	SC	ХМ
Soluble	Analysis	300.0		1	563	03/18/21 14:05	WP	XM

Client Sample ID: AH4 (3'-4') Date Collected: 03/12/21 10:30 Date Received: 03/15/21 13:04

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			508	03/16/21 15:47	MR	XM
Total/NA	Analysis	8021B		1	528	03/18/21 18:19	MR	XM
Total/NA	Prep	8015NM Prep			513	03/16/21 16:25	DM	XM
Total/NA	Analysis	8015B NM		1	518	03/16/21 23:47	AM	XM
Soluble	Leach	DI Leach			554	03/18/21 10:22	SC	XM
Soluble	Analysis	300.0		1	563	03/18/21 14:20	WP	XM

Client Sample ID: AH5 (0'-1') Date Collected: 03/12/21 11:00 Date Received: 03/15/21 13:04

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			484	03/15/21 13:54	MR	XM
Total/NA	Analysis	8021B		1	489	03/15/21 20:46	MR	XM
Total/NA	Prep	8015NM Prep			513	03/16/21 16:25	DM	XM
Total/NA	Analysis	8015B NM		1	518	03/17/21 00:08	AM	XM
Soluble	Leach	DI Leach			554	03/18/21 10:22	SC	XM
Soluble	Analysis	300.0		1	563	03/18/21 14:25	WP	XM

Client Sample ID: AH5 (1'-2') Date Collected: 03/12/21 11:30 Date Received: 03/15/21 13:04

-	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			484	03/15/21 13:54	MR	XM
Total/NA	Analysis	8021B		1	489	03/15/21 21:11	MR	XM
Total/NA	Prep	8015NM Prep			513	03/16/21 16:25	DM	XM
Total/NA	Analysis	8015B NM		1	518	03/17/21 00:29	AM	XM
Soluble	Leach	DI Leach			554	03/18/21 10:22	SC	XM
Soluble	Analysis	300.0		1	563	03/18/21 14:30	WP	XM

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Lab Sample ID: 880-400-7 Matrix: Solid

Lab Sample ID: 880-400-8 Matrix: Solid

Released to Imaging: 11/1/2021 11:09:36 AM

Job ID: 880-400-1

Lab Sample ID: 880-400-9

Matrix: Solid

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery 011 1.0

Client Sample ID: AH5 (3'-4')
Date Collected: 03/12/21 12:00
Date Received: 03/15/21 13:04

	Batch	Batch		Dilution	Batch	Prepared		
Prep Туре	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			484	03/15/21 13:54	MR	XM
Total/NA	Analysis	8021B		1	489	03/15/21 21:36	MR	XM
Total/NA	Prep	8015NM Prep			513	03/16/21 16:25	DM	XM
Total/NA	Analysis	8015B NM		1	518	03/17/21 00:50	AM	XM
Soluble	Leach	DI Leach			554	03/18/21 10:22	SC	XM
Soluble	Analysis	300.0		1	563	03/18/21 15:58	WP	XM

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Page 78 of 137

Client: Tetra Tech, Inc Project/Site: Sharbro			,,, ,	Job ID: 880-400-1	2
Laboratory: Euro	ofins Xenco, Mid		each accreditation/certification below.		
Authority Texas	NE	ogram LAP	Identification Number T104704400-20-21	Expiration Date 06-30-21 This list may include analytes for which	4 5
the agency does not c Analysis Method 8015B NM	offer certification. Prep Method 8015NM Prep	Matrix Solid	Analyte Total TPH		6
8021B	5035	Solid	Total BTEX		8
					9 10
					11 12
					13 14

Eurofins Xenco, Midland

.

Method Summary

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery Job ID: 880-400-1

Page 79 of 137

5
8
9
12
13

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

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.

Laboratory References:

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

Eurofins Xenco, Midland

13 14

Received by OCD: 10/14/2021 3:27:33 PM Sample Summary

Client: Tetra Tech, Inc. Project/Site: Sharbro Federal #2 Battery Job ID: 880-400-1

ab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset II
80-400-1	AH3 (0'-1')	Solid	03/12/21 08:00	03/15/21 13:04	
80-400-2	AH3 (1'-2)	Solid	03/12/21 08:30	03/15/21 13:04	
80-400-3	AH3 (3'-4')	Solid	03/12/21 09:00	03/15/21 13:04	
80-400-4	AH4 (0'-1')	Solid	03/12/21 09:30	03/15/21 13:04	
30-400-5	AH4 (1'-2')	Solid	03/12/21 10:00	03/15/21 13:04	
0-400-6	AH4 (3'-4')	Solid	03/12/21 10:30	03/15/21 13:04	
0-400-7	AH5 (0'-1')	Solid	03/12/21 11:00	03/15/21 13:04	
30-400-8	AH5 (1'-2')	Solid	03/12/21 11:30	03/15/21 13:04	
80-400-9	AH5 (3'-4')	Solid	03/12/21 12:00	03/15/21 13:04	

Eurofins Xenco, Midland

Released to Imaging: 11/1/2021 11:09:36 AM

	Relinquished by		Relinaushed by												(LAB USE)	LAB #		Comments: A	Receiving Laboratory:	Invoice to:	Project Location: (county, state)	Project Name:	Client Name:		Analysis Req
	Date Time		Date Date	Date 3/15/2.		(3-4')	(1-2')	AH 5 (0'-1)	(3'-4)	(1-2)	AH 4 (0-1)	(3-4')	(1-2)	AH 3 (0'-1)		SAMPLE IDENTIFICATION		Attn James Kennedy	atory: Eurofins	Tetra Tech Inc	". Lea County New Mexico	Myco Sharbo Fed #2	EOG	Tetra Tech, Inc.	Analysis Request of Chain of Custody Record
ORIGINAL COPY	Received by			Received by:		03/12/21	03/12/21	03/12/21	03/12/21	03/12/21	03/12/21	03/12/21	03/12/21	03/12/21	DATE	YEAR 2020	SAMPLING		Sampler Signature:		Project #:	Contact Info:	Site Manager:		
L COPY			NAN			1200	1130	1100	1030	1000	930	006	830	800	TIME		LING		nature:						
			E	5		×	×	×	×	×	×	×	×	×	WATER SOIL		MATRIX		Adri		212c-md-02419	Ernaii paula tocoroalonso @tetratech com Phone_432-741-5813	Paula TocoroAlonso	90	
	Date	Date													HCL				Adrian Garcia		d-02419)coroalc 432-74	ocoroA	901 West Wall Street, Midland, Texas 7 Tel (432) 682-4; Fax (432) 682-3	
	Φ	Ø		116		×	×	×	×	×	×	×	×	×	HNO₃ ICE		PRESERVATIV METHOD		oia		9)nso @t 1-5813	lonso	West Wall Street, Suite 1 Mıdland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946	
			2,0	6/15/2										_	NONE		OD					etratec		treet, S xas 79 382-45 682-39	
	Time	lime	· ['	<u> </u>										-	# CONTA	INEF	_					h com		suite 100 701 59 46	
			4001	2		z	z	z	z	z	z	z	z	z	FILTERED) (Y/	′N)							ŏ	
(Circle) HAND DELIVERED	Q.Q	Sample Temperature		C		×	<u>×</u>	<u>×</u>	×	×	×	×	×		BTEX 8021 TPH TX100		BTEX							8	
) HAN	2 V	Temp	ONLY	LAB USE		×	×	×	×	×	×	×	×	-	TPH 8015M PAH 82700		RO DI	ro orc) MRO)				880-400	
D DELI	N) (N	erature	105	SE											Total Metals									Chain of Custody	
VERED			 л г	REN											TCLP Volat	iles							A	of Cu	
FEDEX			J L	REMARKS:											TCLP Semi RCI	voia	tiles						ANALYSIS	stody	
	Special Report Limits or T	SH Sa		RKS: Standard		_		_	-						GC/MS Vol GC/MS Sen							— è	I SIS.		
UPS T	port Lim	Same Day	I											_	PCB's 8082 NORM	2 / 60	8						REQUES		
Tracking #	Special Report Limits or TRRP Report	y 24 hr horized				Ĵ	Ĵ	Ĵ	Ĵ	Î	Ĵ	Ĵ	Ĵ		PLM (Asbes								JEST		
#	7RP Re	r 48 hr		ŀ		$\xrightarrow{\times}$	×	×	×	×	×	×	×		Chloride	Sulfa								· I	
	port	זי (ד2 hr	\mathbf{i}	ŀ										_	General Wa Anion/Catior			y (see att	ached li	st)			-		
		III ()	F	\neg	\neg	-	-	-	-	\neg	\neg	-	1	TPH 8015R										of 1
Ш															HOLD										•

3/19/2021

13

Page 81 of 137

Job Number: 880-400-1

List Source: Eurofins Midland

SDG Number:

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Login Number: 400 List Number: 1 Creator: Teel, Brianna

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 <6mm (1/4").	N/A	

Received by OCD: 10/14/2021 3:27:33 PM

eurofins

Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-506-1

Laboratory Sample Delivery Group: Lea County New Mexico Client Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1

For:

Tetra Tech, Inc. 901 W Wall Ste 100 Midland, Texas 79701

Attn: Clair Gonzales

RAMER

Authorized for release by: 4/14/2021 4:47:08 PM

Jessica Kramer, Project Manager (432)704-5440 jessica.kramer@eurofinset.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS **Review your project** results through Total Access Have a Question? Ask-The Expert

www.eurofinsus.com/Env Released to Imaging: 11/1/2021 11:09:36 AM

Visit us at:

2

Laboratory Job ID: 890-506-1 SDG: Lea County New Mexico

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	13
Lab Chronicle	15
Certification Summary	16
Method Summary	17
Sample Summary	18
Chain of Custody	19
Receipt Checklists	21

Definitions/Glossary

Client: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1 Job ID: 890-506-1 SDG: Lea County New Mexico

Qualifiers		3
GC VOA Qualifier	Qualifier Description	4
S1+	Surrogate recovery exceeds control limits, high biased.	5
U	Indicates the analyte was analyzed for but not detected.	
GC Semi VOA		
Qualifier	Qualifier Description	
*1	LCS/LCSD RPD exceeds control limits.	7
U	Indicates the analyte was analyzed for but not detected.	
HPLC/IC		8
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	9
Glossary		10
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	11
%R	Percent Recovery	
CFL	Contains Free Liquid	
CFU	Colony Forming Unit	
CNF	Contains No Free Liquid	10
DER	Duplicate Error Ratio (normalized absolute difference)	13
Dil Fac	Dilution Factor	
DL	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
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the report

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

 NEG
 Negative / Absent

 POS
 Positive / Present

 PQL
 Practical Quantitation Limit

 PRES
 Presumptive

 QC
 Quality Control

 RER
 Relative Error Ratio (Radiochemistry)

 RL
 Reporting Limit or Requested Limit (Radiochemistry)

 RL
 Reporting Limit or Requested Limit (Radiochemistry)

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

TEF Toxicity Equivalent Factor (Dioxin)

TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASk Job ID: 890-506-1 SDG: Lea County New Mexico

Job ID: 890-506-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative 890-506-1

Receipt

The samples were received on 4/8/2021 3:45 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 4.2°C

Receipt Exceptions

The following samples analyzed for method BTEX 8021 were received and analyzed from an unpreserved bulk soil jar: SW-1 (890-506-1), SW-2 (890-506-2), SW-3 (890-506-3) and SW-4 (890-506-4).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-1 (890-506-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-4 (890-506-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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 RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-1597 and analytical batch 880-1612 recovered outside control limits for the following analytes: < Diesel Range Organics (Over C10-C28)>.

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: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1 Job ID: 890-506-1 SDG: Lea County New Mexico

lient Sample ID: SW-1								ample ID: 890	
ate Collected: 04/08/21 00:00								Matri	x: Soli
ate Received: 04/08/21 15:45									
Method: 8021B - Volatile Organi	c Compounds	(GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.00253		0.00200		mg/Kg		04/12/21 10:51	04/13/21 15:37	
Foluene	<0.00200	U	0.00200		mg/Kg		04/12/21 10:51	04/13/21 15:37	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/21 10:51	04/13/21 15:37	
n-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/21 10:51	04/13/21 15:37	
p-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/21 10:51	04/13/21 15:37	
Kylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/21 10:51	04/13/21 15:37	
otal BTEX	0.00253		0.00200		mg/Kg		04/12/21 10:51	04/13/21 15:37	
urrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
-Bromofluorobenzene (Surr)		S1+	70 - 130				04/12/21 10:51	04/13/21 15:37	
,4-Difluorobenzene (Surr)	125		70 - 130				04/12/21 10:51	04/13/21 15:37	
lethod: 8015B NM - Diesel Ran	ge Organics (D	RO) (GC)							
nalyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
asoline Range Organics	<49.9	U	49.9		mg/Kg		04/09/21 15:09	04/11/21 05:19	
GRO)-C6-C10 Diesel Range Organics (Over	<49.9	U *1	49.9		mg/Kg		04/09/21 15:09	04/11/21 05:19	
C10-C28)									
II Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/21 15:09	04/11/21 05:19	
otal TPH	<49.9	U	49.9		mg/Kg		04/09/21 15:09	04/11/21 05:19	
urrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
-Chlorooctane	85		70 - 130				04/09/21 15:09	04/11/21 05:19	
-Terphenyl	79		70 - 130				04/09/21 15:09	04/11/21 05:19	
lethod: 300.0 - Anions, Ion Chr	omatography -	Soluble							
nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Chloride	35.0		4.97		mg/Kg			04/13/21 21:54	
ient Sample ID: SW-2							Lab Sa	ample ID: 890	-506
te Collected: 04/08/21 00:00									x: Sol
te Received: 04/08/21 15:45									
Method: 8021B - Volatile Organi	c Compounds ((GC)							
nalyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
enzene	<0.00200	U	0.00200		mg/Kg		04/12/21 10:51	04/13/21 15:58	
oluene	<0.00200	U	0.00200		mg/Kg		04/12/21 10:51	04/13/21 15:58	
thylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/21 10:51	04/13/21 15:58	
n-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/12/21 10:51	04/13/21 15:58	
-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/21 10:51	04/13/21 15:58	
ylenes, Total	<0.00399	U	0.00399		mg/Kg		04/12/21 10:51	04/13/21 15:58	
	<0.00200	U	0.00200		mg/Kg		04/12/21 10:51	04/13/21 15:58	
otal BTEX									
	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
Fotal BTEX Surrogate I-Bromofluorobenzene (Surr)	%Recovery 97		Limits				Prepared 04/12/21 10:51	Analyzed 04/13/21 15:58	Dil F

method. 0010D Mm - Dieser Kange	organics (Dito) (00)						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	527	50.1	mg/Kg		04/09/21 15:09	04/11/21 05:40	1
(GRO)-C6-C10							

Eurofins Xenco, Carlsbad

Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419

Client: Tetra Tech, Inc.

Page 88 of 137

Job ID: 890-506-1 SDG: Lea County New Mexico

lient Sample ID: SW-2							Lab Sa	mple ID: 890	-506-2
ate Collected: 04/08/21 00:00									x: Solid
ate Received: 04/08/21 15:45									
Method: 8015B NM - Diesel Rang Analyte		Qualifier	RL	мы	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over			50.1		mg/Kg		04/09/21 15:09	04/11/21 05:40	1
C10-C28)	400.1	0 1	00.1		mg/rtg		04/00/21 10:00	04/11/21 00.40	
Oll Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/21 15:09	04/11/21 05:40	1
Total TPH	527		50.1		mg/Kg		04/09/21 15:09	04/11/21 05:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane			70 - 130				04/09/21 15:09	04/11/21 05:40	1
p-Terphenyl	77		70 - 130				04/09/21 15:09	04/11/21 05:40	1
Method: 300.0 - Anions, Ion Chro									
Analyte		Qualifier		MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.9		4.97		mg/Kg			04/13/21 22:00	1
lient Sample ID: SW-3							Lab Sa	mple ID: 890	-506-3
ate Collected: 04/08/21 00:00								-	x: Solid
ate Received: 04/08/21 15:45									
Method: 8021B - Volatile Organic						_			
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201		0.00201		mg/Kg		04/12/21 10:51	04/13/21 17:21	1
Foluene	<0.00201		0.00201		mg/Kg mg/Kg		04/12/21 10:51	04/13/21 17:21	1
thylbenzene	<0.00201		0.00201 0.00402		mg/Kg		04/12/21 10:51 04/12/21 10:51	04/13/21 17:21 04/13/21 17:21	1
n-Xylene & p-Xylene	<0.00402 <0.00201		0.00402		mg/Kg mg/Kg		04/12/21 10:51	04/13/21 17:21 04/13/21 17:21	1
o-Xylene	<0.00201		0.00201		mg/Kg mg/Kg		04/12/21 10:51	04/13/21 17:21	1
(vlenes Total		J	0.00402				04/12/21 10:51	04/13/21 17:21	
		11	0.00201		maka				
Xylenes, Total Total BTEX	<0.00201	U	0.00201		mg/Kg		04/12/21 10:51		
			0.00201 <i>Limits</i>		mg/Kg		Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201				mg/Kg			Analyzed 04/13/21 17:21	Dil Fac
Total BTEX Surrogate	<0.00201 %Recovery		Limits		mg/Kg		Prepared		
Total BTEX Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr)	<0.00201 %Recovery 95 115	Qualifier	Limits 70 - 130		mg/Kg		Prepared 04/12/21 10:51	04/13/21 17:21	1
Total BTEX Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang	<0.00201 	Qualifier	Limits 70 - 130 70 - 130	MPI			Prepared 04/12/21 10:51 04/12/21 10:51	04/13/21 17:21 04/13/21 17:21	1
Total BTEX Surrogate I-Bromofluorobenzene (Surr) I,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte	<0.00201 - <u>%Recovery</u> 95 115 e Organics (Di Result	Qualifier	Limits 70 - 130 70 - 130 RL	MDL	Unit	<u>D</u>	Prepared 04/12/21 10:51 04/12/21 10:51 Prepared	04/13/21 17:21 04/13/21 17:21 Analyzed	1
Total BTEX Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	<0.00201 	Qualifier	Limits 70 - 130 70 - 130	MDL		D	Prepared 04/12/21 10:51 04/12/21 10:51	04/13/21 17:21 04/13/21 17:21	1
Total BTEX Surrogate I-Bromofluorobenzene (Surr) I,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte Sasoline Range Organics GRO)-C6-C10	<0.00201 - <u>%Recovery</u> 95 115 e Organics (Di Result	Qualifier RO) (GC) Qualifier	Limits 70 - 130 70 - 130 RL	MDL	Unit	<u>D</u>	Prepared 04/12/21 10:51 04/12/21 10:51 Prepared	04/13/21 17:21 04/13/21 17:21 Analyzed	1
Total BTEX Surrogate I-Bromofluorobenzene (Surr) I,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte Sasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<0.00201 - <u>%Recovery</u> 95 115 e Organics (Di Result 58.1 <50.0	Qualifier RO) (GC) Qualifier U	Limits 70 - 130 70 - 130 RL 50.0	MDL	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 04/12/21 10:51 04/12/21 10:51 Prepared 04/12/21 11:06 04/12/21 11:06	04/13/21 17:21 04/13/21 17:21 Analyzed 04/12/21 17:04 04/12/21 17:04	1 1 Dil Fac 1
Total BTEX Surrogate I-Bromofluorobenzene (Surr) I,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) DII Range Organics (Over C28-C36)	<0.00201 <u>%Recovery</u> 95 115 e Organics (DI Result 58.1 <50.0 <50.0	Qualifier RO) (GC) Qualifier U	Limits 70 - 130 70 - 130 RL 50.0 50.0 50.0	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 04/12/21 10:51 04/12/21 10:51 Prepared 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06	04/13/21 17:21 04/13/21 17:21 Analyzed 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04	1 1 Dil Fac 1 1
Total BTEX Surrogate -Bromofluorobenzene (Surr) ,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Malyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) DII Range Organics (Over C28-C36)	<0.00201 - <u>%Recovery</u> 95 115 e Organics (Di Result 58.1 <50.0	Qualifier RO) (GC) Qualifier U	Limits 70 - 130 70 - 130 RL 50.0	MDL	Unit mg/Kg mg/Kg	<u> </u>	Prepared 04/12/21 10:51 04/12/21 10:51 Prepared 04/12/21 11:06 04/12/21 11:06	04/13/21 17:21 04/13/21 17:21 Analyzed 04/12/21 17:04 04/12/21 17:04	1 1 Dil Fac 1
Total BTEX Surrogate I-Bromofluorobenzene (Surr) I,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Malyte Sasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) DII Range Organics (Over C28-C36) Total TPH	<0.00201 <u>%Recovery</u> 95 115 e Organics (DI Result 58.1 <50.0 <50.0	Qualifier RO) (GC) Qualifier U	Limits 70 - 130 70 - 130 RL 50.0 50.0 50.0	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 04/12/21 10:51 04/12/21 10:51 Prepared 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06	04/13/21 17:21 04/13/21 17:21 Analyzed 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04	1 1 Dil Fac 1 1
Total BTEX Surrogate I-Bromofluorobenzene (Surr) I,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Malyte Sasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) DII Range Organics (Over C28-C36) Total TPH Surrogate	<0.00201 - <u>%Recovery</u> 95 115 e Organics (D) Result 58.1 <50.0 <50.0 58.1	Qualifier RO) (GC) Qualifier U	Limits 70 - 130 70 - 130 RL 50.0 50.0 50.0 50.0	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 04/12/21 10:51 04/12/21 10:51 Prepared 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06	04/13/21 17:21 04/13/21 17:21 Analyzed 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04	1 1 Dil Fac 1 1 1 1
Total BTEX Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) DII Range Organics (Over C28-C36) Total TPH Surrogate I-Chlorooctane	<0.00201 - <u>%Recovery</u> 95 115 e Organics (D) Result 58.1 <50.0 <50.0 58.1 %Recovery	Qualifier RO) (GC) Qualifier U	Limits 70 - 130 70 - 130 RL 50.0 50.0 50.0 50.0 50.0 Limits	MDL	Unit mg/Kg mg/Kg mg/Kg	<u> </u>	Prepared 04/12/21 10:51 04/12/21 10:51 Prepared 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06	04/13/21 17:21 04/13/21 17:21 Analyzed 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04 Analyzed	1 1 Dil Fac 1 1 1 1 Dil Fac
Total BTEX Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane p-Terphenyl	<0.00201 %Recovery 95 115 e Organics (DI Result 58.1 <50.0 <50.0 <50.0 58.1 %Recovery 97 100	Qualifier RO) (GC) Qualifier U U	Limits 70 - 130 70 - 130 RL 50.0 50.0 50.0 50.0 50.0 50.0 70 - 130	MDL	Unit mg/Kg mg/Kg mg/Kg	<u> </u>	Prepared 04/12/21 10:51 04/12/21 10:51 Prepared 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06	O4/13/21 17:21 O4/13/21 17:21 Analyzed 04/12/21 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Total BTEX Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte Sasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) DII Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane p-Terphenyl Method: 300.0 - Anions, Ion Chro	<0.00201 %Recovery 95 115 e Organics (DI Result 58.1 <50.0 <50.0 <50.0 58.1 %Recovery 97 100 matography -	Qualifier RO) (GC) Qualifier U U Qualifier Soluble	Limits 70 - 130 70 - 130 RL 50.0 50.0 50.0 50.0 50.0 50.0 50.0 70 - 130 70 - 130 70 - 130		Unit mg/Kg mg/Kg mg/Kg mg/Kg		Prepared 04/12/21 10:51 04/12/21 10:51 Prepared 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06	04/13/21 17:21 04/13/21 17:21 Analyzed 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04	1 1 1 1 1 1 1 1 1 Dil Fac 1 1
Total BTEX Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane p-Terphenyl	<0.00201 %Recovery 95 115 e Organics (DI Result 58.1 <50.0 <50.0 <50.0 58.1 %Recovery 97 100 matography -	Qualifier RO) (GC) Qualifier U U	Limits 70 - 130 70 - 130 RL 50.0 50.0 50.0 50.0 50.0 50.0 70 - 130		Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 04/12/21 10:51 04/12/21 10:51 Prepared 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06	O4/13/21 17:21 O4/13/21 17:21 Analyzed 04/12/21 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04 04/12/21 17:04	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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Page 89 of 137

Job ID: 890-506-1 SDG: Lea County New Mexico

Client: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1

Lab Sample ID: 890-506-4

Matrix: Solid

5

Client Sample ID: SW-4 Date Collected: 04/08/21 00:00 Date Received: 04/08/21 15:45

Analyte	Compounds (GC) Qualifier	RL	МП	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200		0.00200		mg/Kg		04/12/21 10:51	04/13/21 17:41	1
Toluene	<0.00200		0.00200		mg/Kg		04/12/21 10:51	04/13/21 17:41	1
Ethylbenzene	<0.00200		0.00200		mg/Kg		04/12/21 10:51	04/13/21 17:41	1
m-Xylene & p-Xylene	<0.00200		0.00200		mg/Kg		04/12/21 10:51	04/13/21 17:41	י 1
o-Xylene	< 0.00200	U	0.00200				04/12/21 10:51	04/13/21 17:41	1
•	<0.00200	-	0.00200		mg/Kg		04/12/21 10:51	04/13/21 17:41	1
Xylenes, Total					mg/Kg				۱ ۲
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/12/21 10:51	04/13/21 17:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				04/12/21 10:51	04/13/21 17:41	1
1.4-Difluorobenzene (Surr)	103		70 - 130				04/12/21 10:51	04/13/21 17:41	1
Analyte	Posult	Qualifier	D 1	MDI	11				
Method: 8015B NM - Diesel Rang			51	MDI	11				
			RL	MDL		D	Prepared	Analyzed	
Gasoline Range Organics			49.9	MDL	mg/Kg	D	04/12/21 11:06	Analyzed 04/12/21 17:25	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	MDL	mg/Kg		04/12/21 11:06	04/12/21 17:25	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over		U		MDL			· · ·		1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<49.9	U	49.9	MDL	mg/Kg	<u>D</u>	04/12/21 11:06	04/12/21 17:25	1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)		บ บ บ	49.9	MDL	mg/Kg mg/Kg	<u>D</u>	04/12/21 11:06 04/12/21 11:06	04/12/21 17:25 04/12/21 17:25	1 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH	<49.9 <49.9 <49.9	U U U U	49.9 49.9 49.9	MDL	mg/Kg mg/Kg mg/Kg		04/12/21 11:06 04/12/21 11:06 04/12/21 11:06	04/12/21 17:25 04/12/21 17:25 04/12/21 17:25	1 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate	<49.9 <49.9 <49.9 <49.9 <49.9	U U U U	49.9 49.9 49.9 49.9 49.9	MDL	mg/Kg mg/Kg mg/Kg	D	04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06	04/12/21 17:25 04/12/21 17:25 04/12/21 17:25 04/12/21 17:25 04/12/21 17:25	1 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.9 <49.9 <49.9 <49.9 <49.9	U U U U	49.9 49.9 49.9 49.9 Limits	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 Prepared	04/12/21 17:25 04/12/21 17:25 04/12/21 17:25 04/12/21 17:25 04/12/21 17:25 Analyzed	1 1 1 1 1 1 1 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane o-Terphenyl	<49.9 <49.9 <49.9 <49.9 <49.9 %Recovery 106 105	U U U Qualifier	49.9 49.9 49.9 49.9 <u>Limits</u> 70 - 130	MDL	mg/Kg mg/Kg mg/Kg	<u> </u> _	04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 Prepared 04/12/21 11:06	04/12/21 17:25 04/12/21 17:25 04/12/21 17:25 04/12/21 17:25 04/12/21 17:25 Analyzed 04/12/21 17:25	1 1 1 1 Dil Fac 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane	<49.9 <49.9 <49.9 <49.9 <49.9 <i>%Recovery</i> 106 105 Domatography -	U U U Qualifier	49.9 49.9 49.9 49.9 <u>Limits</u> 70 - 130		mg/Kg mg/Kg mg/Kg	<u>D</u>	04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 04/12/21 11:06 Prepared 04/12/21 11:06	04/12/21 17:25 04/12/21 17:25 04/12/21 17:25 04/12/21 17:25 04/12/21 17:25 Analyzed 04/12/21 17:25	Dil Fac

Client: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1 Job ID: 890-506-1 SDG: Lea County New Mexico

Prep Type: Total/NA

Prep Type: Total/NA

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: S	olid
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				Deveent Currente Deseuer (Assentance Limite)
		BFB1	DFBZ1	Percent Surrogate Recovery (Acceptance Limits)
Sample ID	Client Sample ID	(70-130)	(70-130)	
506-1	SW-1	138 S1+	125	
-506-2	SW-2	97	107	
0-506-3	SW-3	95	115	
-506-4	SW-4	111	103	
S 880-1647/1-A	Lab Control Sample	92	108	
SD 880-1647/2-A	Lab Control Sample Dup	95	122	
IB 880-1647/5-A	Method Blank	110	102	

Surrogate	Legend	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-506-1	SW-1	85	79
890-506-2	SW-2	84	77
890-506-3	SW-3	97	100
890-506-4	SW-4	106	105
LCS 880-1597/2-A	Lab Control Sample	96	90
LCS 880-1660/2-A	Lab Control Sample	114	112
LCSD 880-1597/3-A	Lab Control Sample Dup	100	93
LCSD 880-1660/3-A	Lab Control Sample Dup	110	107
MB 880-1597/1-A	Method Blank	107	109
MB 880-1660/1-A	Method Blank	104	118

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-1647/5-A Matrix: Solid Analysis Batch: 1703							Client Sa	mple ID: Metho Prep Type: ⁻ Prep Bato	Fotal/NA
	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/12/21 10:51	04/13/21 12:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/12/21 10:51	04/13/21 12:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/12/21 10:51	04/13/21 12:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/12/21 10:51	04/13/21 12:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/12/21 10:51	04/13/21 12:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/12/21 10:51	04/13/21 12:30	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		04/12/21 10:51	04/13/21 12:30	1
	МВ	МВ							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	04/12/21 10:51	04/13/21 12:30	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/12/21 10:51	04/13/21 12:30	1

Lab Sample ID: LCS 880-1647/1-A Matrix: Solid Analysis Batch: 1703

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08849		mg/Kg		88	70 - 130	
Toluene	0.100	0.09231		mg/Kg		92	70 - 130	
Ethylbenzene	0.100	0.08971		mg/Kg		90	70 - 130	
m-Xylene & p-Xylene	0.200	0.1760		mg/Kg		88	70 - 130	
o-Xylene	0.100	0.08845		mg/Kg		88	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-1647/2-A Matrix: Solid

Analysis Batch: 1703							Pre	p Batch	: 1647
	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08942		mg/Kg		89	70 - 130	1	35
Toluene	0.100	0.09647		mg/Kg		96	70 - 130	4	35
Ethylbenzene	0.100	0.08565		mg/Kg		86	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1766		mg/Kg		88	70 - 130	0	35
o-Xylene	0.100	0.08744		mg/Kg		87	70 - 130	1	35
LCSD_LCSD									

	LUSD	LUSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	122		70 - 130

Client Sample ID: Lab Control Sample Dup

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1647

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Job ID: 890-506-1 SDG: Lea County New Mexico

QC Sample Results

Client: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1

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

Lab Sample ID: MB 880-1597/1-A Matrix: Solid Analysis Batch: 1612							Client Sa	mple ID: Metho Prep Type: 1 Prep Bato	Total/NA
	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		04/09/21 15:09	04/10/21 21:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/21 15:09	04/10/21 21:36	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/21 15:09	04/10/21 21:36	1
Total TPH	<50.0	U	50.0		mg/Kg		04/09/21 15:09	04/10/21 21:36	1
	МВ	МВ							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				04/09/21 15:09	04/10/21 21:36	1

Lab Sample ID: LCS 880-1597/2-A Matrix: Solid Analysis Batch: 1612

o-Terphenyl

Analysis Batch: 1612							Pre	ep Batch: 1597
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	 1000	1107		mg/Kg		111	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	933.6		mg/Kg		93	70 - 130	
C10-C28)								

70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	90		70 - 130

109

Lab Sample ID: LCSD 880-1597/3-A Matrix: Solid Analysis Batch: 1612

Analysis Batch: 1612								p Batch:	: 1597
	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1249		mg/Kg		125	70 - 130	12	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1172	*1	mg/Kg		117	70 - 130	23	20
C10-C28)									

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: MB 880-1660/1-A Matrix: Solid

Analysis Batch: 1662

	MB	MB						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		04/12/21 11:06	04/12/21 12:28	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		04/12/21 11:06	04/12/21 12:28	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/12/21 11:06	04/12/21 12:28	1

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Page 92 of 137

Job ID: 890-506-1 SDG: Lea County New Mexico

04/10/21 21:36

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

04/09/21 15:09

1

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1660

Lab Sample ID: MB 880-1660/1-A

Matrix: Solid

Analyte

Total TPH

Analysis Batch: 1662

QC Sample Results

RL

50.0

MDL Unit

mg/Kg

D

Prepared

04/12/21 11:06

Client: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1

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

MB MB

<50.0 U

Result Qualifier

Job ID: 890-506-1 SDG: Lea County New Mexico

Client Sample ID: Method Blank

Analyzed

04/12/21 12:28

Prep Type: Total/NA Prep Batch: 1660 Dil Fac

1

Page 93 of 137

	M	B MB									
Surrogate	%Recove	ry Qualifier	Limits				P	repared	Analyz	ed	Dil Fa
1-Chlorooctane	10)4	70 - 130				04/1	2/21 11:06	04/12/21	12:28	
o-Terphenyl	11	18	70 - 130				04/1	2/21 11:06	04/12/21	12:28	1
- Lab Sample ID: LCS 880-166	0/2-A						Client	Sample	ID: Lab Co	ontrol S	ample
Matrix: Solid								- C.		ype: To	
Analysis Batch: 1662										p Batch	
			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics			1000	1182		mg/Kg		118	70 - 130		
(GRO)-C6-C10											
Diesel Range Organics (Over			1000	1199		mg/Kg		120	70 - 130		
C10-C28)											
	LCS L	cs									
Surrogate	%Recovery Q	ualifier	Limits								
Surrogate 1-Chlorooctane	%Recovery Q 	ualifier	Limits 70 - 130								
	- <u> </u>	ualifier									
1-Chlorooctane o-Terphenyl	114 112	ualifier	70 - 130			Clie	ent Sam	nole ID: L	ab Contro	l Sampl	e Dun
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-16	114 112	ualifier	70 - 130			Clie	ent Sam	nple ID: L	ab Contro Prep T		
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-16 Matrix: Solid	114 112	ualifier	70 - 130			Clie	ent Sam	ple ID: L	Prep T	ype: To	tal/NA
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-16	114 112	ualifier	70 - 130 70 - 130	LCSD	LCSD	Clie	ent Sam	iple ID: L	Prep T		tal/NA
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-16 Matrix: Solid Analysis Batch: 1662	114 112	ualifier	70 - 130 70 - 130 Spike						Prep T Pre %Rec.	ype: To p Batch	tal/NA : 1660 RPD
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-16 Matrix: Solid Analysis Batch: 1662 Analyte	114 112	ualifier	70 - 130 70 - 130 Spike Added	Result	LCSD Qualifier	Unit	ent Sam	%Rec	Prep T Pre %Rec. Limits	ype: To	tal/NA : 1660
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-16 Matrix: Solid Analysis Batch: 1662 Analyte Gasoline Range Organics	114 112	ualifier	70 - 130 70 - 130 Spike						Prep T Pre %Rec.	ype: To p Batch RPD	tal/NA : 1660 RPD Limit
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-16 Matrix: Solid Analysis Batch: 1662 Analyte	114 112	ualifier	70 - 130 70 - 130 Spike Added	Result		Unit		%Rec	Prep T Pre %Rec. Limits	ype: To p Batch RPD	tal/NA : 1660 RPD Limit
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-16 Matrix: Solid Analysis Batch: 1662 Analyte Gasoline Range Organics (GRO)-C6-C10	114 112	ualifier	70 - 130 70 - 130 Spike Added 1000	Result 1186		_ <mark>Unit</mark> mg/Kg		%Rec	Prep T Pre %Rec. Limits 70 - 130	ype: To p Batch 	tal/NA : 1660 RPD Limit
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-16 Matrix: Solid Analysis Batch: 1662 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	114 112		70 - 130 70 - 130 Spike Added 1000	Result 1186		_ <mark>Unit</mark> mg/Kg		%Rec	Prep T Pre %Rec. Limits 70 - 130	ype: To p Batch 	tal/NA : 1660 RPD Limit
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-16 Matrix: Solid Analysis Batch: 1662 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	114 112 560/3-A		70 - 130 70 - 130 Spike Added 1000	Result 1186		_ <mark>Unit</mark> mg/Kg		%Rec	Prep T Pre %Rec. Limits 70 - 130	ype: To p Batch 	tal/NA : 1660 RPD Limit
1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-16 Matrix: Solid Analysis Batch: 1662 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	114 112 560/3-A		70 - 130 70 - 130 Spike Added 1000	Result 1186		_ <mark>Unit</mark> mg/Kg		%Rec	Prep T Pre %Rec. Limits 70 - 130	ype: To p Batch 	tal/NA : 1660 RPD Limit

Method: 300.0 - Anions, ion Chromatography

Lab Sample ID: MB 880-1722/1-A Matrix: Solid Analysis Batch: 1753							Client Sa	ample ID: Metho Prep Type:	
Analysis Baton. 1766	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/13/21 21:15	1

Eurofins Xenco, Carlsbad

Released to Imaging: 11/1/2021 11:09:36 AM

Client: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1 Job ID: 890-506-1 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-1722/2-A Matrix: Solid Analysis Batch: 1753					Client	t Sample	ID: Lab C Prep	ontrol S Type: S	
	Spike	LCS	LCS				%Rec.		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	249.8		mg/Kg		100	90 _ 110		
Lab Sample ID: LCSD 880-1722/3-A				Clie	nt San	nple ID:	Lab Contro	ol Sampl	e Dup
Matrix: Solid							Prep	Type: S	oluble
Analysis Batch: 1753									
	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	248.8		mg/Kg		100	90 - 110	0	20

Eurofins Xenco, Carlsbad

GC VOA

890-506-1

890-506-2

Prep Batch: 1647 Lab Sample ID

Prep Type

Total/NA

Total/NA

Client: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1

SW-1

SW-2

Client Sample ID

SDG: Lea County New Mexico

SW-3	Total/NA	Solid	5035	
SW-4	Total/NA	Solid	5035	
Method Blank	Total/NA	Solid	5035	
Lab Control Sample	Total/NA	Solid	5035	
Lab Control Sample Dup	Total/NA	Solid	5035	
Client Sample ID	Ргер Туре	Matrix	Method	Prep Batc
		Solid	8021B	164
SW-2	Total/NA	Solid	8021B	164
SW-3	Total/NA	Solid	8021B	164
SW-4	Total/NA	Solid	8021B	164
Method Blank	Total/NA	Solid	8021B	164
Lab Control Sample	Total/NA	Solid	8021B	164
Lab Control Sample Dup	Total/NA	Solid	8021B	164
Client Sample ID	Prep Type	Matrix	Method	Prep Batc
SW-1	Total/NA	Solid	8015NM Prep	· · · ·
SW-2	Total/NA	Solid	8015NM Prep	
Method Blank	Total/NA	Solid	8015NM Prep	
Lab Control Sample	Total/NA	Solid	8015NM Prep	
Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
Client Sample ID	Prep Type	Matrix	Method	Prep Batc
	Total/NA	Solid	8015B NM	159
SW-2	Total/NA	Solid	8015B NM	159
Method Blank	Total/NA	Solid	8015B NM	159
Lab Control Sample	Total/NA	Solid	8015B NM	159
Lab Control Sample Dup	Total/NA	Solid	8015B NM	159
Client Sample ID	Ргер Туре	Matrix	Method	Prep Batc
SW-3	Total/NA	Solid	8015NM Prep	
SW-4	Total/NA	Solid	8015NM Prep	
Method Blank	Total/NA	Solid	8015NM Prep	
Lab Control Sample	Total/NA	Solid	8015NM Prep	
Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
Client Sample ID	Ргер Туре	Matrix	Method	Prep Batc
				166
				166
				166
Lab Control Sample	Total/NA	Solid	8015B NM	166
			Eurofins Xe	enco, Carlsbad
	Method Blank Lab Control Sample Lab Control Sample Dup Client Sample ID SW-1 SW-2 SW-3 SW-4 Method Blank Lab Control Sample Lab Control Sample Dup Client Sample ID SW-1 SW-2 Method Blank Lab Control Sample Lab Control Sample Lab Control Sample Dup Client Sample ID SW-1 SW-1 SW-2 Method Blank Lab Control Sample Dup Client Sample ID SW-1 SW-2 Method Blank Lab Control Sample Dup Client Sample ID SW-3 SW-4 Method Blank Lab Control Sample Dup	Method Blank Total/NA Lab Control Sample Total/NA Lab Control Sample Dup Total/NA Client Sample ID Prep Type SW-1 Total/NA SW-2 Total/NA SW-3 Total/NA SW-4 Total/NA Method Blank Total/NA Lab Control Sample Total/NA Lab Control Sample Dup Total/NA Client Sample ID Prep Type SW-1 Total/NA Lab Control Sample Dup Total/NA Method Blank Total/NA Lab Control Sample Dup Total/NA Method Blank Total/NA Lab Control Sample Dup Total/NA SW-2 Total/NA Method Blank Total/NA Lab Control Sample Dup Total/NA SW-2 Total/NA Lab Control Sample Dup Total/NA Lab Control Sample Dup	Method Blank Total/NA Solid Lab Control Sample Total/NA Solid Lab Control Sample Dup Total/NA Solid Client Sample ID Prop Type Matrix SW-1 Total/NA Solid SW-2 Total/NA Solid SW-3 Total/NA Solid SW-4 Total/NA Solid Method Blank Total/NA Solid Lab Control Sample Total/NA Solid Lab Control Sample Dup Total/NA Solid SW-1 Total/NA Solid SW-3 Total/NA Solid SW-1 Total/NA Solid SW-2 Total/NA Solid SW-3 Total/NA Solid SW-4 Total/NA Solid Lab Control Sample Dup Total/NA Solid SW-1 Total/NA Solid SW-1 Total/NA Solid SW-2 Total/NA Solid SW-3 Total/NA Solid SW-1 Total/NA Solid	Method Blank Total/NA Solid 5035 Lab Control Sample Total/NA Solid 5035 Lab Control Sample Dup Total/NA Solid 5035 SW-1 Total/NA Solid 8021B SW-2 Total/NA Solid 8021B SW-3 Total/NA Solid 8021B SW-4 Total/NA Solid 8021B SW-4 Total/NA Solid 8021B SW-4 Total/NA Solid 8021B SW-4 Total/NA Solid 8021B Lab Control Sample Dup Total/NA Solid 8021B Lab Control Sample Dup Total/NA Solid 8015NM Prep SW-1 Total/NA Solid 8015NM Prep Method Blank Total/NA Solid 8015NM Prep Lab Control Sample Dup Total/NA Solid 8015NM Prep Lab Control Sample Dup Total/NA Solid 8015NM Prep Lab Control Sample Dup Total/NA So

Method

5035

5035

Matrix

Solid

Solid

Job ID: 890-506-1

Prep Batch

Job ID: 890-506-1

SDG: Lea County New Mexico

QC Association Summary

Client: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1

GC Semi VOA (Continued)

Analysis Batch: 1662 (Continued)

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
LCSD 880-1660/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1660

HPLC/IC

Leach Batch: 1722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-506-1	SW-1	Soluble	Solid	DI Leach	s
890-506-2	SW-2	Soluble	Solid	DI Leach	
890-506-3	SW-3	Soluble	Solid	DI Leach	С
890-506-4	SW-4	Soluble	Solid	DI Leach	
MB 880-1722/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1722/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1722/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 1753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
890-506-1	SW-1	Soluble	Solid	300.0	1722	
890-506-2	SW-2	Soluble	Solid	300.0	1722 1	
890-506-3	SW-3	Soluble	Solid	300.0	1722	
890-506-4	SW-4	Soluble	Solid	300.0	1722 1	
MB 880-1722/1-A	Method Blank	Soluble	Solid	300.0	1722	
LCS 880-1722/2-A	Lab Control Sample	Soluble	Solid	300.0	1722	
LCSD 880-1722/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1722	

Lab Chronicle

Client: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1

Job ID: 890-506-1 SDG: Lea County New Mexico

Client Sample ID: SW-1

Date Collected: 04/08/21 00:00 Date Received: 04/08/21 15:45

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1647	04/12/21 10:51	KL	XM
Total/NA	Analysis	8021B		1	1703	04/13/21 15:37	KL	XM
Total/NA	Prep	8015NM Prep			1597	04/09/21 15:09	DM	XM
Total/NA	Analysis	8015B NM		1	1612	04/11/21 05:19	AJ	XM
Soluble	Leach	DI Leach			1722	04/13/21 16:50	SC	XM
Soluble	Analysis	300.0		1	1753	04/13/21 21:54	СН	XM

Client Sample ID: SW-2 Date Collected: 04/08/21 00:00

Date Received: 04/08/21 15:45

	Batch	Batch		Dilution	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1647	04/12/21 10:51	KL	XM
Total/NA	Analysis	8021B		1	1703	04/13/21 15:58	KL	XM
Total/NA	Prep	8015NM Prep			1597	04/09/21 15:09	DM	XM
Total/NA	Analysis	8015B NM		1	1612	04/11/21 05:40	AJ	XM
Soluble	Leach	DI Leach			1722	04/13/21 16:50	SC	XM
Soluble	Analysis	300.0		1	1753	04/13/21 22:00	СН	XM

Client Sample ID: SW-3

Date Collected: 04/08/21 00:00 Date Received: 04/08/21 15:45

Batch		Batch		Dilution	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1647	04/12/21 10:51	KL	XM
Total/NA	Analysis	8021B		1	1703	04/13/21 17:21	KL	XM
Total/NA	Prep	8015NM Prep			1660	04/12/21 11:06	DM	XM
Total/NA	Analysis	8015B NM		1	1662	04/12/21 17:04	AJ	XM
Soluble	Leach	DI Leach			1722	04/13/21 16:50	SC	XM
Soluble	Analysis	300.0		1	1753	04/13/21 22:05	СН	XM

Client Sample ID: SW-4 Date Collected: 04/08/21 00:00 Date Received: 04/08/21 15:45

Batch		Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1647	04/12/21 10:51	KL	XM
Total/NA	Analysis	8021B		1	1703	04/13/21 17:41	KL	XM
Total/NA	Prep	8015NM Prep			1660	04/12/21 11:06	DM	XM
Total/NA	Analysis	8015B NM		1	1662	04/12/21 17:25	AJ	XM
Soluble	Leach	DI Leach			1722	04/13/21 16:50	SC	XM
Soluble	Analysis	300.0		1	1753	04/13/21 22:22	СН	XM

Laboratory References:

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

Eurofins Xenco, Carlsbad

Lab Sample ID: 890-506-1 Matrix: Solid 5 9 Lab Sample ID: 890-506-2 Matrix: Solid

Lab Sample ID: 890-506-3

Matrix: Solid

Matrix: Solid

Lab Sample ID: 890-506-4

Client: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1

SDG: Lea County New Mexico

Laboratory: Eurofins Xenco, Midland

I Inless otherwise noted a	all analytes for this laborator	v were covered under each accreditation/certification below.
	all allalytes for this laborator	y were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte	
8015B NM	8015NM Prep	Solid	Total TPH	
8021B	5035	Solid	Total BTEX	

Eurofins Xenco, Carlsbad

Released to Imaging: 11/1/2021 11:09:36 AM

5 6 7

10

Job ID: 890-506-1

Method

8021B

300.0

5035

8015B NM

8015NM Prep

Protocol References:

Laboratory References:

ASTM = ASTM International

DI Leach

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.

Client: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1

Volatile Organic Compounds (GC)

Anions, Ion Chromatography

Closed System Purge and Trap

Diesel Range Organics (DRO) (GC)

Deionized Water Leaching Procedure

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

Method Description

Microextraction

Job ID: 890-506-1 SDG: Lea County New Mexico

XM

XM

XM

XM

XM

XM

Laboratory

Protocol

SW846

SW846

MCAWW

SW846

SW846

ASTM

Page 99 of 137

Eurofins Xenco, Carlsbad

Client: Tetra Tech, Inc. Project/Site: Myco Sharbor Fed #2 Battery 212C-MD-02419 TASK:1 Job ID: 890-506-1 SDG: Lea County New Mexico

90-506-1		Matrix	Collected	Received	Asset ID	
90-300-1	SW-1	Solid	04/08/21 00:00	04/08/21 15:45		
90-506-2	SW-2	Solid	04/08/21 00:00	04/08/21 15:45		
90-506-3	SW-3	Solid	04/08/21 00:00	04/08/21 15:45		
90-506-4	SW-4	Solid	04/08/21 00:00	04/08/21 15:45		

Eurofins Xenco, Carlsbad

Page 100 of 137

Received by OCD: 10/14/2021 3:27:33 PM

	Relinquished by:		Relinquished by:	1	Relinquished by:							IS	SI	SI	SI	LAB USE)	LAB #		Comments:	Receiving Laboratory:		(county, state)	Project Name:	Client Name:	5	Analysis Requ							
	Date: Time:		Date: Time:	- / Ules 4/8/21	Date: Time:							SW-4	SW-3	SW-2	SW-1		SAMPLE IDENTIFICATION			v: Xenco	James Kennedy	Lea County, New Mexico	Myco Sharbor Fed #2 Battery	EOG Resources	Tetra Tech, Inc.	Analysis Request of Chain of Custody Record							
	Received by:		Received by:	har lit	Received by:				_			4/8/2021	4/8/2021	4/8/2021	4/8/2021	DATE	YEAR: 2020	SAMPLING		Sampier Signature:	2	Flojevi #	J.	Site Manager:									
	Da		Da	5 48-2	Da							×	×	×	×	WATEF SOIL HCL	2	MATRIX				212C-MI		Paula Tocora	901W Walls Midland,T Tel (432 Fax (432								
	Date: Time:		Date: Time:	1540	Date: Time:							×	×	×	×	HNO₃ ICE None		PRESERVATIVE				212C-MD-02419 TASK: 120		ra	901W Wall Street, Ste 100 Midland,Texas 79705 Tel (432) 682-459 Fax (432) 682-3946								
																# CONT FILTERI	ED (1	(/N)				1200			890-506								
(Circle) HA	4.24	44	Sample Ten	ONLY	LAB USI							x x	××	× ×	× ×	BTEX 8 TPH TX TPH 80	1005	(Ext to			MRO))			Chain of								
HAND DELIVERED	,	1	perature	LY	USE											PAH 82 Total Me TCLP M	tals /	_		_				(Circle	Custody								
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UPS	Special Report Limits or TRRP Report	Rush Charges Authorized	L	<u>ک</u>		E	-	-								PCB's 8	_		3270C/6	25				ਵੇਂ ਸ਼ੂ									
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J#	or TRI	rized	24 hr									×	×	×	×	Chloride Chloride) S	Sulfate			_			d No.		Эе							
	RP Rep		48 hr			F									\vdash	Genera Anion/C	_		emistry (nce	see at	tacheo	d list)	·	·									
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Page 101 of 137

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906

4/14/2021

Received by OCD: 10/14/2021 3:27:33 PM

	Custody Seals Intact. Custody Seal No ∆ Yes ∆ No	Relinquished by	Keinduisned by	Reinquished by UN UN UT A 4.9.21	Empty Kit Relinquished by	Deliverable Requested 1 II III IV Other (specify)	Possible Hazard Identification Unconfirmed	Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/maintx being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC.						SW-4 (890-506-4)	SW-3 (890-506-3)	SW-2 (890-506-2)	SW-1 (890-506-1)		Sample Identification - Client ID (Lab ID)	Sile	Myco Sharbor Fed #2 Battery	Email	Phone: 432-704-5440(Tel)	State, Zip TX, 79701	City Midland	Address. 1211 W Florida Ave	Eurofins Xenco	Shipping/Receiving	Client Information (Sub Contract Lab)	Eurofins Xenco, Carlsbad 1089 N Canal St. Carlsbad NM 88220 Phone 575-988-3199 Fax: 575-988-3199
		Date/Time:	Date/Time:	Date/Time:		Primary Deliverable Rank.		C places the ownership ix being analyzed, the s eturn the signed Chain						4/8/21	4/8/21	4/8/21	4/8/21	N	Sample Date	SSOW#:	Project #: 88000013	WO #	PO#	I	TAT Requested (days)	Due Date Requested 4/14/2021		Phone.	Sampler	_
					Date	able Rank.		o of method a samples must of Custody at						Mountain	Mountain	Mountain	Mountain	X	Sample Time						iys)	đ				Chain
						2		analyte & accrube shipped by testing to said										Preserv	Sample Type (C=comp, G=grab)											of Cus
		Company	Company	Company				editation comp ack to the Euro complicance t						Solid	Solid	Solid	Solid	Preservation Code:	Matrix (W=water S=solid O=waste/oll, BT=Tissue, A=Alr									E-Mail jessio	Lab	Chain of Custody Record
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ŀ	- 2	R	Re		ē	Special Instructions/Q	Sample Disposal (A	pon ou nco LL(ins Xer						×	×	×	×	X	Perform MS/M 300_ORGFM_2	lles rite-litte	arden-Sike6Ab	les all all all all all all all all all al	<u>a stárstar</u> ide	<u></u>			Accreditations Required (See no NELAP - Louisiana NELA	ramer	Jessic	ör
	Cooler Temperature(s)	Received by	Received by	Respired		al Inst	Retui	t subcc C labor Nco LLC						×	×	×	×	tiantelad	8015MOD_NM/ DRO-MRO					II TPH G	RO-		ns Req Louis	@eur	<u></u>	
	empera	by.	by	2		Iructio	le Disposal (A Return To Clieni	atory o						×	×	×	×	Closure	8021B/5035FP_	Calc E	BTEX						iana (ofinse		
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	r Rema			$M_{\mathcal{I}}$		nents	e ass Dis	ample vill be p					_					Suribus		w						Requested			Ca	
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				2.90 p			fee may be assessed if samples are retained longer than 1 month)	stody If the tatus should											Specia	P.	EDA	Ice DI Water	Amchlor Ascorbic Acid	Nitric Acid NaHSO4	NaOH	Preservation Codes	Job #: 890-506-1	Page: Page 1 of 1	COC No: 890-156 1	💸 eurofins
	Ļ			PM M			3010	laborat be bro											Inst		2 2			νσα) z a	odes				
Ver 11/01/2020		Company	Company	Company			Months	ory does not currently ught to Eurofins Xenco											Special Instructions/Note.		other (specify)	/ Acetone / MCAA	H2SO4 TSP Dodecahydrate	Na2O4S	I None	-				Environment Testing America

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12 13 14

Job Number: 890-506-1

SDG Number: Lea County New Mexico

List Source: Eurofins Carlsbad

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Login Number: 506 List Number: 1 Creator: Ordonez, Gabby

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	

N/A

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Login Number: 506

List Number: 2

Job Number: 890-506-1

SDG Number: Lea County New Mexico

List Source: Eurofins Midland 5 6 7 8 9 10 11 12 13 List Creation: 04/09/21 02:46 PM

14

Creator: Copeland, Tatiana			
Question	Answer	Comment	_
The cooler's custody seal, if present, is intact.	True		
Sample custody seals, if present, are intact.	True		
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.	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
Containers requiring zero headspace have no headspace or bubble is	True		

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

Received by OCD: 10/14/2021 3:27:33 PM

🔅 eurofins

Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-763-1

Laboratory Sample Delivery Group: Lea County NM Client Project/Site: Sharbo Federal #2 Battery Revision: 1

For:

Tetra Tech, Inc. 901 W Wall Ste 100 Midland, Texas 79701

Attn: Clair Gonzales

RAMER

Authorized for release by: 4/6/2021 5:30:32 PM

Jessica Kramer, Project Manager (432)704-5440 jessica.kramer@eurofinset.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS **Review your project** results through Total Access **Have a Question?** Ask-The Expert

www.eurofinsus.com/Env Released to Imaging: 11/1/2021 11:09:36 AM

Visit us at:

Laboratory Job ID: 880-763-1 SDG: Lea County NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	6
QC Sample Results	7
QC Association Summary	
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	16

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Definitions/Glossary

Client: Tetra Tech, Inc. Project/Site: Sharbo Federal #2 Battery

Dilution Factor

Detection Limit (DoD/DOE)

Estimated Detection Limit (Dioxin)

Limit of Detection (DoD/DOE)

Method Detection Limit

Minimum Level (Dioxin)

Most Probable Number

Not Calculated

Presumptive

Quality Control

Negative / Absent Positive / Present

Method Quantitation Limit

Practical Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count

Reporting Limit or Requested Limit (Radiochemistry)

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

Limit of Quantitation (DoD/DOE)

Decision Level Concentration (Radiochemistry)

EPA recommended "Maximum Contaminant Level" Minimum Detectable Activity (Radiochemistry)

Minimum Detectable Concentration (Radiochemistry)

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

Job ID: 880-763-1 SDG: Lea County NM

Qualifiers

Dil Fac

DL, RA, RE, IN

DL

DLC

EDL

LOD

LOQ

MCL

MDA MDC

MDL

MPN

MQL

NC

ND NEG

POS

PQL PRES

QC

RER

RPD

TEF

TEQ TNTC

RL

ML

	3	5
Qualifier Description		
LCS and/or LCSD is outside acceptance limits, high biased.		
LCS/LCSD RPD exceeds control limits.	5	5
Surrogate recovery exceeds control limits, high biased.		
Indicates the analyte was analyzed for but not detected.		
AC		
Qualifier Description		
Indicates the analyte was analyzed for but not detected.		
	8	8
Qualifier Description		
Indicates the analyte was analyzed for but not detected.	9	9
	4	
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	4	
Percent Recovery		
Contains Free Liquid		
Colony Forming Unit		
Contains No Free Liquid		
Duplicate Error Ratio (normalized absolute difference)		3
	Qualifier Description LCS and/or LCSD is outside acceptance limits, high biased. LCS/LCSD RPD exceeds control limits. Surrogate recovery exceeds control limits, high biased. Indicates the analyte was analyzed for but not detected. OA Qualifier Description Indicates the analyte was analyzed for but not detected. Qualifier Description Indicates the analyte was analyzed for but not detected. Qualifier Description Indicates the analyte was analyzed for but not detected. Use the analyte was analyzed for but not detected. Description Indicates the analyte was analyzed for but not detected. Use the analyte was analyzed for but not detected. 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 Percent Recovery Contains Free Liquid Colony Forming Unit Contains No Free Liquid	Qualifier Description Image: CSD is outside acceptance limits, high biased. LCS and/or LCSD is outside acceptance limits, high biased. LCS/LCSD RPD exceeds control limits. Surrogate recovery exceeds control limits, high biased. Indicates the analyte was analyzed for but not detected. Or Qualifier Description Image: CSD records analyzed for but not detected. Outlifier Description Indicates the analyte was analyzed for but not detected. Image: CSD records analyzed for but not detected. Qualifier Description Indicates the analyte was analyzed for but not detected. Image: CSD records analyzed for but not detected. These commonly used abbreviations may or may not be present in this report. Itsed under the "D" column to designate that the result is reported on a dry weight basis Percent Recovery Contains Free Liquid Colony Forming Unit Image: CONT Contains Free Liquid Image: CONT Contains Free Liquid

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

Job ID: 880-763-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-763-1

REVISION

The report being provided is a revision of the original report sent on 4/5/2021. The report (revision 1) is being revised due to Reviewing dilutions for chloride.

Report revision history

Receipt

The sample was received on 3/26/2021 3:38 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

Job ID: 880-763-1 SDG: Lea County NM
Client Sample Results

Client: Tetra Tech, Inc. Project/Site: Sharbo Federal #2 Battery

Client Sample ID: BH-1 1' Date Collected: 03/25/21 00:00 Date Received: 03/26/21 15:38

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+ *1	0.00199		mg/Kg		03/27/21 11:43	03/27/21 19:26	1
Ethylbenzene	<0.00199	U *+ *1	0.00199		mg/Kg		03/27/21 11:43	03/27/21 19:26	1
Toluene	<0.00199	U *+ *1	0.00199		mg/Kg		03/27/21 11:43	03/27/21 19:26	1
Total BTEX	<0.00199	U *+ *1	0.00199		mg/Kg		03/27/21 11:43	03/27/21 19:26	1
Xylenes, Total	<0.00398	U *+ *1	0.00398		mg/Kg		03/27/21 11:43	03/27/21 19:26	1
m-Xylene & p-Xylene	<0.00398	U *+ *1	0.00398		mg/Kg		03/27/21 11:43	03/27/21 19:26	1
o-Xylene	<0.00199	U *+ *1	0.00199		mg/Kg		03/27/21 11:43	03/27/21 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				03/27/21 11:43	03/27/21 19:26	1
1,4-Difluorobenzene (Surr)	83		70 - 130				03/27/21 11:43	03/27/21 19:26	1

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

362

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		03/27/21 14:37	03/28/21 19:15	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		03/27/21 14:37	03/28/21 19:15	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/27/21 14:37	03/28/21 19:15	1
Total TPH	<50.0	U	50.0		mg/Kg		03/27/21 14:37	03/28/21 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				03/27/21 14:37	03/28/21 19:15	1
o-Terphenyl	89		70 - 130				03/27/21 14:37	03/28/21 19:15	1

4.99

mg/Kg

04/01/21 18:41

1

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Job ID: 880-763-1 SDG: Lea County NM

Lab Sample ID: 880-763-1

Matrix: Solid

Chloride

Client: Tetra Tech, Inc. Project/Site: Sharbo Federal #2 Battery

Method: 8021B - Volatile Organic Compounds (GC) **Matrix: Solid**

-			Perce	nt Surrogate Re
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-763-1	BH-1 1'	122	83	
880-763-1 MS	BH-1 1'	125	103	
880-763-1 MSD	BH-1 1'	121	104	
LCS 880-952/1-A	Lab Control Sample	277 S1+	270 S1+	
LCSD 880-952/2-A	Lab Control Sample Dup	115	97	
MB 880-952/5-A	Method Blank	78	84	
Surrogate Legend				
BFB = 4-Bromofluorob	enzene (Surr)			

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid				Prep Type: Total/NA	
			Percent Su	rrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		
880-763-1	BH-1 1'	91	89		13
LCS 880-957/2-A	Lab Control Sample	120	113		
LCSD 880-957/3-A	Lab Control Sample Dup	105	98		
MB 880-957/1-A	Method Blank	99	104		
	Lab Sample ID 880-763-1 LCS 880-957/2-A LCSD 880-957/3-A	Lab Sample IDClient Sample ID880-763-1BH-1 1'LCS 880-957/2-ALab Control SampleLCSD 880-957/3-ALab Control Sample Dup	Lab Sample ID Client Sample ID 1CO1 880-763-1 BH-1 1' 91 LCS 880-957/2-A Lab Control Sample 120 LCSD 880-957/3-A Lab Control Sample Dup 105	Lab Sample ID Client Sample ID (70-130) (70-130) (70-130) 880-763-1 BH-1 1' 91 89	Lab Sample ID Client Sample ID (70-130) (70-130) (70-130) 880-763-1 BH-1 1' 91 89

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Job ID: 880-763-1

SDG: Lea County NM

Prep Type: Total/NA

Eurofins Xenco, Midland

Page 110 of 137

Client: Tetra Tech, Inc. Project/Site: Sharbo Federal #2 Battery

Lab Sample ID: MB 880-952/5-A

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analysis Batch: 960								Prep Bate	
	МВ	МВ							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/21 11:43	03/27/21 19:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/21 11:43	03/27/21 19:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/21 11:43	03/27/21 19:00	1
Total BTEX	<0.00200	U	0.00200		mg/Kg		03/27/21 11:43	03/27/21 19:00	1
Xylenes, Total	< 0.00400	U	0.00400		mg/Kg		03/27/21 11:43	03/27/21 19:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/27/21 11:43	03/27/21 19:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/21 11:43	03/27/21 19:00	1
	МВ	МВ							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				03/27/21 11:43	03/27/21 19:00	1
1,4-Difluorobenzene (Surr)	84		70 - 130				03/27/21 11:43	03/27/21 19:00	1

Lab Sample ID: LCS 880-952/1-A **Matrix: Solid Analysis Batch: 960**

	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	0.100	0.2674	*+	mg/Kg		267	70 - 130
Ethylbenzene	0.100	0.2618	*+	mg/Kg		262	70 - 130
Toluene	0.100	0.2433	*+	mg/Kg		243	70 - 130
m-Xylene & p-Xylene	0.200	0.5243	*+	mg/Kg		262	70 - 130
o-Xylene	0.100	0.2746	*+	mg/Kg		275	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	277	S1+	70 - 130
1,4-Difluorobenzene (Surr)	270	S1+	70 - 130

Lab Sample ID: LCSD 880-952/2-A Matrix: Solid Analysis Batch: 960

Analysis Batch: 960							Prep	b Batch	ı: 952
	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1032	*1	mg/Kg		103	70 - 130	89	35
Ethylbenzene	0.100	0.1012	*1	mg/Kg		101	70 - 130	88	35
Toluene	0.100	0.1024	*1	mg/Kg		102	70 - 130	81	35
m-Xylene & p-Xylene	0.200	0.2005	*1	mg/Kg		100	70 - 130	89	35
o-Xylene	0.100	0.1065	*1	mg/Kg		107	70 - 130	88	35
L	CSD LCSD								

	LOOD	LUUD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-763-1 MS Matrix: Solid

Analysis Batch: 960									Prep Batc	h: 952
	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U *+ *1	0.0998	0.1010		mg/Kg		101	70 - 130	

Eurofins Xenco, Midland

Client Sample ID: BH-1 1'

Prep Type: Total/NA

Page 111 of 137

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6 7 8

Job ID: 880-763-1 SDG: Lea County NM

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

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 952

Prep Type: Total/NA

Client Sample ID: Lab Control Sample Dup

Client: Tetra Tech, Inc. Project/Site: Sharbo Federal #2 Battery

Job ID: 880-763-1 SDG: Lea County NM

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

Lab Sample ID: 880-763-1 M Matrix: Solid Analysis Batch: 960	NS								Clien	t Sample ID Prep Type: Prep Ba	Total	/NA
	Sample S	Sample	Spike	MS	MS					%Rec.		
Analyte	Result (Added	Result	Qualif	ier	Unit	D	%Rec	Limits		
Ethylbenzene	<0.00199 l	J *+ *1	0.0998	0.1031		I	mg/Kg		103	70 - 130		
Toluene	<0.00199 l	J *+ *1	0.0998	0.1093		I	mg/Kg		110	70 - 130		
m-Xylene & p-Xylene	<0.00398 l	J *+ *1	0.200	0.2044		I	mg/Kg		102	70 - 130		
o-Xylene	<0.00199 l	J *+ *1	0.0998	0.1066		I	mg/Kg		107	70 - 130		
	MS I	ИS										
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	125		70 - 130									
1,4-Difluorobenzene (Surr)	103		70 - 130									
Lab Sample ID: 880-763-1 N	ISD								Clien	t Sample ID	BH-	11
Matrix: Solid										Prep Type:		
Analysis Batch: 960										Prep Ba		
-	Sample S	Sample	Spike	MSD	MSD					«Rec.		RPD
Analyte	Result (Qualifier	Added	Result	Qualif	ier	Unit	D	%Rec	Limits R	ו סי	.imi
Benzene	<0.00199 l	J *+ *1	0.0996	0.09960		i	mg/Kg		100	70 - 130	1	3
Ethylbenzene	<0.00199 l	J *+ *1	0.0996	0.09827		1	mg/Kg		99	70 - 130	5	3
Toluene	<0.00199 l	J *+ *1	0.0996	0.09470			mg/Kg		95	70 - 130	14	3
m-Xylene & p-Xylene	<0.00398 l	J *+ *1	0.199	0.1950			mg/Kg		98	70 - 130	5	3
o-Xylene	<0.00199 l	J *+ *1	0.0996	0.1022		I	mg/Kg		103	70 - 130	4	3
	MSD I	NSD										
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	121		70 - 130									
1,4-Difluorobenzene (Surr)	104		70 - 130									
lethod: 8015B NM - Die Lab Sample ID: MB 880-957 Matrix: Solid Analysis Batch: 967		e Organi	<u>25 (DRO)</u>	(60)				Clie	ent Samp	ole ID: Metho Prep Type: Prep Ba	Total	/N/
		MB MB										
Analyte		ult Qualifier			MDL U		D		repared	Analyzed		Fa
Gasoline Range Organics (GRO)-C6-C10	<50	0.0 U	50	.0	n	ng/Kg		03/2	7/21 14:37	03/28/21 11:5	3	
Diesel Range Organics (Over C10-C28)	<50	0.0 U	50	.0	n	ng/Kg		03/2	7/21 14:37	03/28/21 11:5	3	
Oll Range Organics (Over C28-C36)	<50	0.0 U	50	.0	n	ng/Kg		03/2	7/21 14:37	03/28/21 11:5	3	
Total TPH	<50	0.0 U	50	.0	n	ng/Kg		03/2	7/21 14:37	03/28/21 11:5	}	
	I	MB MB										
Surrogate	%Recove	ery Qualifier	Limits					P	repared	Analyzed	Di	Fa
1-Chlorooctane		99	70 - 130)				03/2	7/21 14:37	03/28/21 11:5	3	
o-Terphenyl	1	04	70 - 130	0				03/2	7/21 14:37	03/28/21 11:5	3	
Lab Sample ID: LCS 880-95	7/2-A						Clien	t Sar	nple ID:	Lab Control	Sam	pla
Matrix: Solid										Prep Type:		-
Analysis Batch: 967										Brop Br		

Matrix: Solid Analysis Batch: 967

Analysis Batch: 967							Prep	Batch: 957
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1244		mg/Kg		124	70 - 130	

Eurofins Xenco, Midland

Client: Tetra Tech, Inc. Project/Site: Sharbo Federal #2 Battery

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

Lab Sample ID: LCS 880- Matrix: Solid	-957/2-A								Clie	ent Sa	amp	le ID	: Lab Coi Prep Ty			
Analysis Batch: 967														p Batc		
				Spike		LCS	LCS						%Rec.			
Analyte				Added		Result	Quali	ifier	Unit	D) %	Rec	Limits			
Diesel Range Organics (Over C10-C28)				1000		1165			mg/Kg			116	70 - 130			
	LCS	LCS														
Surrogate	%Recovery	Qual	lifier	Limits												
1-Chlorooctane	120			70 - 130	-											
o-Terphenyl	113			70 - 130												
Lab Sample ID: LCSD 88	0-957/3-A							С	lient S	ample	e ID	: Lab	Control	Samp	le Di	up
Matrix: Solid													Prep Ty			
Analysis Batch: 967													Pre	p Batc	h: 9	57
				Spike		LCSD	LCSE)					%Rec.		R	PC
Analyte				Added		Result	Quali	ifier	Unit	D) %	Rec	Limits	RPD	Lir	ni
Gasoline Range Organics				1000		1230			mg/Kg			123	70 - 130	1		20
(GRO)-C6-C10																_
Diesel Range Organics (Over C10-C28)				1000		992.9			mg/Kg			99	70 - 130	16		20
	LCSD	LCS	D													
Surrogate	%Recovery	Qual	lifier	Limits												
1-Chlorooctane	105			70 - 130	-											
o-Terphenyl	98			70 - 130												
Method: 300.0 - Anion	ns, Ion Chr	oma	tograp	ohy												
Lab Sample ID: MB 880-1	1161/1-A									Cli	ient	Sam	ple ID: M	ethod	Bla	nk
Matrix: Solid													· Prep T			
Analysis Batch: 1208																
-		MB	МВ													
Analyte	Re	esult	Qualifier		RL		MDL	Unit		D	Prep	ared	Analy	zed	Dil F	ac
Chloride	<	5.00	U		5.00		I	mg/K	g				04/01/21	16:06		1
Lab Sample ID: LCS 990	1161/2 4								0114	ont Ca				atrol 9		Je
Lab Sample ID: LCS 880-	-1101/2-A								CIIE	5111 38	amp		: Lab Coi	itroi S	amp	Ле

Prep Type: Soluble

Analysis Batch: 1208									
	Spike	LCS	LCS				%Rec.		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	271.7		mg/Kg		109	90 - 110		
Lab Sample ID: LCSD 880-1161/3-A Matrix: Solid Analysis Batch: 1208			C	Client San	nple	ID: Lab		Sample ype: So	
· ·····, ···· · ···· · ····	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	272.0		mg/Kg		109	90 - 110	0	20

Eurofins Xenco, Midland

Job ID: 880-763-1

SDG: Lea County NM

Matrix: Solid

QC Association Summary

Client: Tetra Tech, Inc. Project/Site: Sharbo Federal #2 Battery

Job ID: 880-763-1 SDG: Lea County NM

GC VOA

Prep Batch: 952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-763-1	BH-1 1'	Total/NA	Solid	5035	
MB 880-952/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-952/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-952/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-763-1 MS	BH-1 1'	Total/NA	Solid	5035	
880-763-1 MSD	BH-1 1'	Total/NA	Solid	5035	

Analysis Batch: 960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-763-1	BH-1 1'	Total/NA	Solid	8021B	952
MB 880-952/5-A	Method Blank	Total/NA	Solid	8021B	952
LCS 880-952/1-A	Lab Control Sample	Total/NA	Solid	8021B	952
LCSD 880-952/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	952
880-763-1 MS	BH-1 1'	Total/NA	Solid	8021B	952
880-763-1 MSD	BH-1 1'	Total/NA	Solid	8021B	952

GC Semi VOA

Prep Batch: 957

Lab Sample ID 880-763-1	Client Sample ID BH-1 1'	Prep Type Total/NA	Matrix Solid	Method 8015NM Prep	Prep Batch
MB 880-957/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-957/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-957/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 967

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-763-1	BH-1 1'	Total/NA	Solid	8015B NM	957
MB 880-957/1-A	A Method Blank	Total/NA	Solid	8015B NM	957
LCS 880-957/2-	A Lab Control Sample	Total/NA	Solid	8015B NM	957
LCSD 880-957/	3-A Lab Control Sample Dup	Total/NA	Solid	8015B NM	957

HPLC/IC

Leach Batch: 1161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-763-1	BH-1 1'	Soluble	Solid	DI Leach	
MB 880-1161/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1161/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1161/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 1208

Lab Sample ID 880-763-1	Client Sample ID BH-1 1'	Prep Type Soluble	Matrix Solid	Method 300.0	Prep Batch
MB 880-1161/1-A	Method Blank	Soluble	Solid	300.0	1161
LCS 880-1161/2-A	Lab Control Sample	Soluble	Solid	300.0	1161
LCSD 880-1161/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1161

Eurofins Xenco, Midland

Page 114 of 137

4 5

Client Sample ID: BH-1 1' Date Collected: 03/25/21 00:00 Date Received: 03/26/21 15:38

	Batch	Batch		Dilution	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			952	03/27/21 11:43	MR	XM
Total/NA	Analysis	8021B		1	960	03/27/21 19:26	MR	XM
Total/NA	Prep	8015NM Prep			957	03/27/21 14:37	DM	XM
Total/NA	Analysis	8015B NM		1	967	03/28/21 19:15	AJ	XM
Soluble	Leach	DI Leach			1161	04/01/21 11:20	SC	XM
Soluble	Analysis	300.0		1	1208	04/01/21 18:41	AJ	XM

Laboratory References:

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

Page 115 of 137

Job ID: 880-763-1 SDG: Lea County NM

Lab Sample ID: 880-763-1 Matrix: Solid

Eurofins Xenco, Midland

Released to Imaging: 11/1/2021 11:09:36 AM

Accreditation/Certification Summary

Client: Tetra Tech, Inc. Project/Site: Sharbo Federal #2 Battery

Job ID: 880-763-1 SDG: Lea County NM

Laboratory: Eurofins Xenco, Midland

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

uthority	Pro	ogram	Identification Number	Expiration Date
exas	NE	LAP	T104704400-20-21	06-30-21
the agency does not o	offer certification.		, , , , , ,	This list may include analytes for whic
• •	•	rt, but the laboratory is r	not certified by the governing authority. Analyte	This list may include analytes for whic
the agency does not o	offer certification.		, , , , , ,	This list may include analytes for whic

Page 116 of 137

Job ID: 880-763-1 SDG: Lea County NM

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

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.

Laboratory References:

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

Sample Summary

Client: Tetra Tech, Inc. Project/Site: Sharbo Federal #2 Battery Job ID: 880-763-1 SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID	
880-763-1	BH-1 1'	Solid	03/25/21 00:00	03/26/21 15:38		4
						5
						6
						Q

Received by OCD: 10/14/2021 3:27:33 PM

Relinquished by

Relinquished by

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10m/INSON

Relinquished by

ORIGINAL COPY TIME WATER Paula Tocora Alonso MATRIX SOIL \times 212C-MD-02419 Adrian Garcia 23 Date Date HCL PRESERVATIVE METHOD HNO₃ × ICE Time Ime # CONTAINERS 325 z FILTERED (Y/N) × BTEX 8021B BTEX 8260B 0.5/1.0 Sample Temperature (Circle) HAND DELIVERED FEDEX UPS LAB USE TPH TX1005 (Ext to C35) × TPH 8015M (GRO DRO - ORO - MRO) PAH 8270C (Circle or Specify Method No.) Total Metals Ag As Ba Cd Cr Pb Se Hg TCLP Metals Ag As Ba Cd Cr Pb Se Hg TCLP Volatiles REMARKS: ANALYSIS REQUEST RUSH Same Day 24 hr 48 hr 72 hr TCLP Semi Volatiles Rush Charges Authorized Special Report Limits or TRRP Report RCI GC/MS Vol 8260B / 624 GC/MS Semi Vol 8270C/625 PCBs 8082 / 608 Tracking # NORM PLM (Asbestos) Chloride × TDS Chloride Sulfate General Water Chemistry (see attached list) Anion/Cation Balance Hold 4/6/2021 (Rev. 1) Page 15 of 16



Page 119 of 137

13 14

Receiving Laboratory

Comments

LAB USE ONLY LAB #

BH-1 1'

(county, state)

nvoice to

^oroject Location

Project Name

lient Name

a

Job Number: 880-763-1

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Login Number: 763 List Number: 1 Creator: Teel, Brianna

<6mm (1/4").

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	
s 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	

SDG Number: Lea County NM List Source: Eurofins Midland 5 6 7 8 9 10 11 12 13

Received by OCD: 10/14/2021 3:27:33 PM

🔅 eurofins

Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-1650-1

Laboratory Sample Delivery Group: Lea County, NM Client Project/Site: Myco Sharbro Fed. #2

For:

Tetra Tech, Inc. 901 W Wall Ste 100 Midland, Texas 79701

Attn: Clair Gonzales

RAMER

Authorized for release by: 4/29/2021 10:10:31 AM Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS **Review your project** results through **Total** Access **Have a Question?** Ask-The Expert Visit us at: www.eurofinsus.com/Env Released to Imaging: 11/1/2021 11:09:36 AM

Laboratory Job ID: 880-1650-1 SDG: Lea County, NM

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	6
QC Sample Results	7
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	16

Definitions/Glossary

Clie	nt:	Tetra	Tech,	Inc.		
Proj	ject	/Site:	Мусо	Sharbro	Fed.	#2

Job ID: 880-1650-1 SDG: Lea County, NM

lifi

QC

RER

RPD

TEF

TEQ

TNTC

RL

Qualifiers		3
GC VOA		
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	
GC Semi VOA		5
Qualifier	Qualifier Description	
*+	LCS and/or LCSD is outside acceptance limits, high biased.	
*1	LCS/LCSD RPD exceeds control limits.	
U	Indicates the analyte was analyzed for but not detected.	
HPLC/IC		
Qualifier	Qualifier Description	8
U	Indicates the analyte was analyzed for but not detected.	
Glossary		9
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	
DER	Duplicate Error Ratio (normalized absolute difference)	4.2
Dil Fac	Dilution Factor	13
DL	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	
MQL	Method Quantitation Limit	
NC	Not Calculated	
ND	Not Detected at the reporting limit (or MDL or EDL if shown)	
NEG	Negative / Absent	
POS	Positive / Present	
PQL	Practical Quantitation Limit	
PRES	Presumptive	

Quality Control

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

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

Job ID: 880-1650-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-1650-1

Comments

No additional comments.

Receipt

The sample was received on 4/27/2021 3:30 PM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.7° C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-2384 and analytical batch 880-2381 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Internal standard responses were outside of acceptance limits for the following sample: SW-2 (880-1650-1). The sample(s) shows evidence of matrix interference.

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

GC Semi VOA

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

General Chemistry

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

Organic Prep

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

VOA Prep

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

Released to Imaging: 11/1/2021 11:09:36 AM

Job ID: 880-1650-1 SDG: Lea County, NM

80-1650-1 ounty, NM

4

le arrived in good condition, and where C. ion batch 880-2384 and analytical batch are suspected because the associated

Job ID: 880-1650-1 SDG: Lea County, NM

Lab Sample ID: 880-1650-1

D

Prepared

Analyzed

Dil Fac

Matrix: Solid

5

Client Sample ID: SW-2 Date Collected: 04/20/21 00:00 Date Received: 04/27/21 15:30

Project/Site: Myco Sharbro Fed. #2

Client: Tetra Tech, Inc.

Analyte

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		04/27/21 16:00	04/28/21 12:22	
Toluene	<0.00200	U	0.00200		mg/Kg		04/27/21 16:00	04/28/21 12:22	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/27/21 16:00	04/28/21 12:22	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/27/21 16:00	04/28/21 12:22	
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/27/21 16:00	04/28/21 12:22	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/27/21 16:00	04/28/21 12:22	
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/27/21 16:00	04/28/21 12:22	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	119		70 - 130				04/27/21 16:00	04/28/21 12:22	
	96		70 - 130				04/27/21 16:00	04/28/21 12:22	

Gasoline Range Organics	<49.9	U *1 *+	49.9	mg/Kg	04/27/21 16:50	04/28/21 19:04	1	
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg	04/27/21 16:50	04/28/21 19:04	1	
C10-C28)								
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg	04/27/21 16:50	04/28/21 19:04	1	F
Total TPH	<49.9	U	49.9	mg/Kg	04/27/21 16:50	04/28/21 19:04	1	
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac	
1-Chlorooctane	109		70 - 130		04/27/21 16:50	04/28/21 19:04	1	
o-Terphenyl	92		70 - 130		04/27/21 16:50	04/28/21 19:04	1	

RL

MDL Unit

Result Qualifier

Analyte	Result	Qualifier	RL	MDL	Unit	I	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg				04/27/21 22:48	1

Eurofins Xenco, Midland

Released to Imaging: 11/1/2021 11:09:36 AM

Project/Site: Myco Sharbro Fed. #2

Job ID: 880-1650-1 SDG: Lea County, NM

Prep Type: Total/NA

Method: 8021B - Volatile Organic Compounds (GC)

Matrix:	So	lid
in a ci i / ci		

Client: Tetra Tech, Inc.

_				Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)		5
880-1650-1	SW-2	119	96		
LCS 880-2384/1-A	Lab Control Sample	98	105		6
LCSD 880-2384/2-A	Lab Control Sample Dup	97	105		
MB 880-2384/5-A	Method Blank	101	103		
Surrogate Legend BFB = 4-Bromofluorob	enzene (Surr)				8
DFBZ = 1,4-Difluorobe	nzene (Surr)				6
Method: 8015B NM	I - Diesel Range Organics	s (DRO) (GC	;)		3
Aatrix: Solid			-	Prep Type: Total/NA	
•				Percent Surrogate Recovery (Acceptance Limits)	

				Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		
880-1650-1	SW-2	109	92		
LCS 880-2377/2-A	Lab Control Sample	130	113		
LCSD 880-2377/3-A	Lab Control Sample Dup	110	100		
MB 880-2377/1-A	Method Blank	114	108		
Our sector be a second					
Surrogate Legend					
1CO = 1-Chlorooctane					

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Tetra Tech, Inc. Project/Site: Myco Sharbro Fed. #2

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-2384/5-A Matrix: Solid										Client Sa	mple ID: Mether Prep Type:	Total/NA
Analysis Batch: 2381											Ргер Ват	ch: 2384
Amelia	MB	MB Qualifier	RL			11		D		un un a un a d	Analyzad	Dil Fac
Analyte					MDL			_		repared	Analyzed	
Benzene	<0.00200		0.00200			mg/Kg				7/21 13:00		1
Toluene	<0.00200		0.00200			mg/Kg				7/21 13:00	04/28/21 11:12	1
Ethylbenzene	<0.00200	U	0.00200			mg/Kg]		04/2	7/21 13:00	04/28/21 11:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400			mg/Kg	3		04/2	7/21 13:00	04/28/21 11:12	1
o-Xylene	<0.00200	U	0.00200			mg/Kg	9		04/2	7/21 13:00	04/28/21 11:12	1
Xylenes, Total	<0.00400	U	0.00400			mg/Kg	J		04/2	7/21 13:00	04/28/21 11:12	1
Total BTEX	<0.00400	U	0.00400			mg/Kg]		04/2	7/21 13:00	04/28/21 11:12	1
	МВ	МВ										
Surrogate	%Recovery	Qualifier	Limits						Р	repared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130						04/2	7/21 13:00	04/28/21 11:12	1
1,4-Difluorobenzene (Surr)	103		70 - 130						04/2	7/21 13:00	04/28/21 11:12	1
Lab Sample ID: LCS 880-2384/1-A								С	lient	Sample	ID: Lab Contro	I Sample
Matrix: Solid											Prep Type:	
Analysis Batch: 2381											Prep Bat	
			Spike	LCS	LCS						%Rec.	
Analyte			Added	Result	Qual	ifier	Unit		D	%Rec	Limits	
Benzene			0.100	0.08005			mg/Kg		-	80	70 - 130	
Toluene			0.100	0.08346			mg/Kg			83	70 ₋ 130	
Ethylbenzene			0.100	0.08929			mg/Kg			89	70 - 130	
m-Xylene & p-Xylene			0.200	0.1794			mg/Kg			90	70 ₋ 130	

0.100

0.09000

mg/Kg

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-2384/2-A Matrix: Solid

o-Xylene

Analysis Batch: 2381									Pre	p Batch	: 2384
			Spike	LCSD	LCSD				%Rec.		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.08003		mg/Kg		80	70 - 130	0	35
Toluene			0.100	0.08162		mg/Kg		82	70 - 130	2	35
Ethylbenzene			0.100	0.08730		mg/Kg		87	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1747		mg/Kg		87	70 - 130	3	35
o-Xylene			0.100	0.08757		mg/Kg		88	70 - 130	3	35
	LCSD	LCSD									
Surrogate	%Recoverv	Qualifier	l imits								

	LUGD	L03D	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

ab Control Sample

rep Type: Total/NA Prep Batch: 2384

Client Sample ID: Lab Control Sample Dup
Duran Tanan Tatal/MA

90

Prep Type: Total/NA

70 - 130

Page 127 of 137

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

Lab Sample ID: MB 880-2377/1	1-A									Client	Sample ID:	Method	l Blank
Matrix: Solid											Prep	Type: To	otal/NA
Analysis Batch: 2425											Pre	ep Batch	n: 2377
		MB	мв										
Analyte	Res	ult	Qualifier	RL		MDL	Unit		D	Prepared	Analy	zed	Dil Fac
Gasoline Range Organics	<50	0.0	U	50.0			mg/Kg		_	04/27/21 10:2	04/28/21	10:35	1
(GRO)-C6-C10													
Diesel Range Organics (Over	<50	0.0	U	50.0			mg/Kg			04/27/21 10:2	20 04/28/21	10:35	1
C10-C28) Oll Range Organics (Over C28-C36)	<50	0.0		50.0			mg/Kg			04/27/21 10:2	20 04/28/21	10.35	1
Total TPH		0.0		50.0			mg/Kg			04/27/21 10:2			
		0.0	0	50.0			mg/itg			04/21/21 10.2	0 04/20/21	10.55	
	I	МВ	МВ										
Surrogate	%Recove	<u> </u>	Qualifier	Limits						Prepared	Analy		Dil Fac
1-Chlorooctane		114		70 - 130						04/27/21 10:			1
o-Terphenyl	1	108		70 - 130						04/27/21 10:	20 04/28/21	10:35	1
Lab Sample ID: LCS 880-2377	12-1								c	liont Samn	e ID: Lab C	ontrol S	amplo
Matrix: Solid	12-A								Č	nem Samp		Type: To	
Analysis Batch: 2425												ep Batch	
Analysis Datch. 2425				Spike	LCS	LCS					%Rec.	-p Date	1. 2011
Analyte				Added	Result		lifier	Unit		D %Rec	Limits		
Gasoline Range Organics				1000	1476	*+		mg/Kg		148	70 - 130		
(GRO)-C6-C10								5 5					
Diesel Range Organics (Over				1000	1231			mg/Kg		123	70 - 130		
C10-C28)													
	LCS L	.cs											
Surrogate	%Recovery 0	Quali	fier	Limits									
1-Chlorooctane	130			70 - 130									
o-Terphenyl	113			70 - 130									
Lab Sample ID: LCSD 880-237	7/3-A												
Matrix: Solid								Cli	ent	Sample ID:	Lab Contro		
Analysis Batch: 2425								Cli	ent	Sample ID:	Prep	Type: To	otal/NA
								Cli	ent	Sample ID:	Prep Pre		otal/NA n: 2377
• • •				Spike	LCSD				ent	-	Prep Pre %Rec.	Type: To ep Batcl	otal/NA n: 2377 RPD
Analyte				Added	Result	Qua		Unit	ent	D %Rec	Prep Pre %Rec. Limits	Type: To ep Batch RPD	n: 2377 RPD Limit
Gasoline Range Organics				-		Qua			ent	-	Prep Pre %Rec.	Type: To ep Batcl	otal/NA n: 2377 RPD
Gasoline Range Organics (GRO)-C6-C10				Added	Result	Qua		Unit mg/Kg	ent	D %Rec 118	Prep Pre %Rec. Limits	Type: To ep Batch RPD	n: 2377 RPD Limit 20
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over				Added	Result 1178	Qua		Unit	ent	D %Rec	Prep Pre %Rec. Limits 70 - 130	Type: To ep Batch 	n: 2377 RPD Limit
Gasoline Range Organics (GRO)-C6-C10				Added	Result 1178	Qua		Unit mg/Kg	ent	D %Rec 118	Prep Pre %Rec. Limits 70 - 130	Type: To ep Batch 	n: 2377 RPD Limit 20
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	LCSD L			Added	Result 1178	Qua		Unit mg/Kg	ent	D %Rec 118	Prep Pre %Rec. Limits 70 - 130	Type: To ep Batch 	n: 2377 RPD Limit 20
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	%Recovery			Added 1000 1000 <i>Limits</i>	Result 1178	Qua		Unit mg/Kg	ent	D %Rec 118	Prep Pre %Rec. Limits 70 - 130	Type: To ep Batch 	n: 2377 RPD Limit 20
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane	<u> </u>			Added 1000 1000 <i>Limits</i> 70 - 130	Result 1178	Qua		Unit mg/Kg	ent	D %Rec 118	Prep Pre %Rec. Limits 70 - 130	Type: To ep Batch 	n: 2377 RPD Limit 20
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	%Recovery			Added 1000 1000 <i>Limits</i>	Result 1178	Qua		Unit mg/Kg	ent	D %Rec 118	Prep Pre %Rec. Limits 70 - 130	Type: To ep Batch 	n: 2377 RPD Limit 20
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl	%Recovery 0 110 100	Qualii	fier	Added 1000 1000 <i>Limits</i> 70 - 130	Result 1178	Qua		Unit mg/Kg	ent	D %Rec 118	Prep Pre %Rec. Limits 70 - 130	Type: To ep Batch 	n: 2377 RPD Limit 20
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Io	<u>%Recovery</u> 110 100 n Chromato	Qualii	fier	Added 1000 1000 <i>Limits</i> 70 - 130	Result 1178	Qua		Unit mg/Kg	ent	D %Rec 118 102	Prep Pre %Rec. Limits 70 - 130 70 - 130	Type: To p Batch RPD 23 19	Limit 20
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl	<u>%Recovery</u> 110 100 n Chromato	Qualii	fier	Added 1000 1000 <i>Limits</i> 70 - 130	Result 1178	Qua		Unit mg/Kg	ent	D %Rec 118 102	Prep Pre %Rec. Limits 70 - 130 70 - 130 Sample ID:	Type: To ep Batch 23 19 Method	Limit 20 20
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Io Lab Sample ID: MB 880-2411/1 Matrix: Solid	<u>%Recovery</u> 110 100 n Chromato	Qualii	fier	Added 1000 1000 <i>Limits</i> 70 - 130	Result 1178	Qua		Unit mg/Kg	ent	D %Rec 118 102	Prep Pre %Rec. Limits 70 - 130 70 - 130 Sample ID:	Type: To p Batch RPD 23 19	Limit 20 20
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Io Lab Sample ID: MB 880-2411/1	<u>%Recovery</u> 110 100 n Chromato	Qualii	phy	Added 1000 1000 <i>Limits</i> 70 - 130	Result 1178	Qua		Unit mg/Kg	ent	D %Rec 118 102	Prep Pre %Rec. Limits 70 - 130 70 - 130 Sample ID:	Type: To ep Batch 23 19 Method	Limit 20 20
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Io Lab Sample ID: MB 880-2411/1 Matrix: Solid	<u>%Recovery</u> <u>110</u> 100 n Chromato	gra MB	phy	Added 1000 1000 <i>Limits</i> 70 - 130	Result 1178 1020	Qual *1		Unit mg/Kg	D	D %Rec 118 102	Prep Pre %Rec. Limits 70 - 130 70 - 130 Sample ID:	Type: To ep Batch 23 19 Method Type: §	Limit 20 20

Page 128 of 137

5

Job ID: 880-1650-1 SDG: Lea County, NM Project/Site: Myco Sharbro Fed. #2

Client: Tetra Tech, Inc.

Job ID: 880-1650-1 SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

 Lab Sample ID: LCS 880-2411/2-/ Matrix: Solid	4						Client	Sample	e ID: Lab Co Prep	ontrol Sa Type: S	
Analysis Batch: 2416											
			Spike		LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride			250	256.6		mg/Kg		103	90 - 110		
_ Lab Sample ID: LCSD 880-2411/3	-A					Clier	nt Sam	ple ID:	Lab Contro	ol Sampl	e Dup
Matrix: Solid									Prep	Type: S	oluble
Analysis Batch: 2416											
			Spike	LCSD	LCSD				%Rec.		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	252.4		mg/Kg		101	90 _ 110	2	20
_ Lab Sample ID: 880-1650-1 MS									Client Sa	mple ID:	SW-2
Matrix: Solid										Type: S	
Analysis Batch: 2416											
	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	<5.00	U	250	259.0		mg/Kg		104	90 _ 110		
Lab Sample ID: 880-1650-1 MSD									Client Sa	mple ID:	SW-2
Matrix: Solid										Type: S	
Analysis Batch: 2416											
-	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	<5.00	U	250	254.4		mg/Kg		102	90 - 110	2	20

QC Association Summary

Client: Tetra Tech, Inc. Project/Site: Myco Sharbro Fed. #2

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8

Job ID: 880-1650-1 SDG: Lea County, NM

GC VOA

Analysis Batch: 2381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1650-1	SW-2	Total/NA	Solid	8021B	2384
MB 880-2384/5-A	Method Blank	Total/NA	Solid	8021B	2384
LCS 880-2384/1-A	Lab Control Sample	Total/NA	Solid	8021B	2384
LCSD 880-2384/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2384
rep Batch: 2384					
· · · · · · · · · · · · · · · · · · ·	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
Lab Sample ID	Client Sample ID SW-2	Prep Type Total/NA	Matrix Solid	Method 5035	Prep Batch
rep Batch: 2384 Lab Sample ID 880-1650-1 MB 880-2384/5-A					Prep Batch
Lab Sample ID 880-1650-1	SW-2	Total/NA	Solid	5035	Prep Batch

GC Semi VOA

Prep Batch: 2377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1650-1	SW-2	Total/NA	Solid	8015NM Prep	
MB 880-2377/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-2377/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-2377/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 2425

Lab Sample ID 880-1650-1	Client Sample ID SW-2	Prep Type Total/NA	Matrix Solid	Method 8015B NM	Prep Batch 2377
MB 880-2377/1-A	Method Blank	Total/NA	Solid	8015B NM	2377
LCS 880-2377/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2377
LCSD 880-2377/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2377

HPLC/IC

Leach Batch: 2411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1650-1	SW-2	Soluble	Solid	DI Leach	
MB 880-2411/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2411/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2411/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1650-1 MS	SW-2	Soluble	Solid	DI Leach	
880-1650-1 MSD	SW-2	Soluble	Solid	DI Leach	

Analysis Batch: 2416

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-1650-1	SW-2	Soluble	Solid	300.0	2411
MB 880-2411/1-A	Method Blank	Soluble	Solid	300.0	2411
LCS 880-2411/2-A	Lab Control Sample	Soluble	Solid	300.0	2411
LCSD 880-2411/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2411
880-1650-1 MS	SW-2	Soluble	Solid	300.0	2411
880-1650-1 MSD	SW-2	Soluble	Solid	300.0	2411

Lab Chronicle

Client: Tetra Tech, Inc. Project/Site: Myco Sharbro Fed. #2

Client Sample ID: SW-2 Date Collected: 04/20/21 00:00

Date Received: 04/27/21 15:30

	Batch	Batch		Dilution	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2384	04/27/21 16:00	KL	XM
Total/NA	Analysis	8021B		1	2381	04/28/21 12:22	MR	XM
Total/NA	Prep	8015NM Prep			2377	04/27/21 16:50	DM	XM
Total/NA	Analysis	8015B NM		1	2425	04/28/21 19:04	AJ	XM
Soluble	Leach	DI Leach			2411	04/27/21 17:28	SC	XM
Soluble	Analysis	300.0		1	2416	04/27/21 22:48	СН	XM

Laboratory References:

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

Eurofins Xenco, Midland

 Image 131 of 137

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 Job ID: 880-1650-1

 SDG: Lea County, NM

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 Lab Sample ID: 880-1650-1

 Matrix: Solid

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 XM

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Job ID: 880-1650-1 SDG: Lea County, NM

Client: Tetra Tech, Inc. Project/Site: Myco Sharbro Fed. #2

Laboratory: Eurofins Xenco, Midland

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

Ithority	P	rogram	Identification Number	Expiration Date
xas	N	ELAP	T104704400-20-21	06-30-21
The following analytes	are included in this report, b	ut the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for
the agency does not o				
the agency does not o Analysis Method	ffer certification. Prep Method	Matrix	Analyte	
0,		Matrix Solid	Analyte Total TPH	

Method Summary

Client: Tetra Tech, Inc. Project/Site: Myco Sharbro Fed. #2

Job ID: 880-1650-1 SDG: Lea County, NM

Method	Method Description	Protocol	Laboratory
3021B	Volatile Organic Compounds (GC)	SW846	XM
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XM
300.0	Anions, Ion Chromatography	MCAWW	XM
5035	Closed System Purge and Trap	SW846	XM
3015NM Prep	Microextraction	SW846	XM
DI Leach	Deionized Water Leaching Procedure	ASTM	XM

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.

Laboratory References:

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

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Sample Summary

Client: Tetra Tech, Inc. Project/Site: Myco Sharbro Fed. #2 Job ID: 880-1650-1 SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID	
880-1650-1	SW-2	Solid	04/20/21 00:00	04/27/21 15:30		

Received by OCD: 10/14/2021 3:27:33 PM

Released to Imaging: 11/1/2021 11:09:36 AM

		Relinguished by	#	Relinquished hv					SM-2	LAB USE	LAB #		Comments	Receiving Laboratory	Invoice to	Project Location (county, state)	Project Name	Client Name	E C	Analysis Reques
			Cotton Busicar 4/27/21 15:30 Date Time								SAMPLE IDENTIFICATION			Eurofins Xenco	EOG, Attention James Kennedy	Lea County, New Mexico	Myco Sharbro Fed #2	EOG	Tetra Tech. Inc.	Analysis Request of Chain of Custody Record
ORIGINAL COPY		Repreived by	Received by					4/20/2021	1	DATE	YEAR.	SAMPLING		Sampler Signature		Project #:		Site Manager	880-1650 Ch	
Y			H272					×		WATE SOIL HCL HNO ₃ ICE	R	MATRIX PRESERVATIVE METHOD		Colton Bickerstaff		212C-MD-02419		Paula Tocora	1400-1650 Chain of Custody Fax (432) 682-3946	
(Circle) H	51	Sample T	1530 · A							# CONT FILTERI 3TEX 81 TPH TX	ED (Y 021B 1005	RS //N) BTE (Ext to	X 82600 C35) - DRO - 0						I	
(Circle) HAND DELIVERED FEDEX	ю П	Sample Temperature	ONLY REMARKS							PAH 82 Total Me TCLP Me TCLP Vo TCLP Se RCI	70C tals A etals A latiles mi Vo	g As B Ag As I s blatiles	a Cd Cr 3a Cd Cr	Pb Se			(Circie or spe	ANALYS		
UPS Tracking #	Special Report Limits or TRRP Report	harges Authorized	Same Day 04 hr					×		PCB s 8 NORM PLM (Asl Chloride Chloride	Semi 082 / Desto: SL	Vol 8 608 s)	TDS			et)	or specify method No.)		880-1650	Page
ed to 1				1-09	30.4		P	age	A	Anion/Ca Asbestos	ation I s							-	0	 으 -4/29/2021

Job Number: 880-1650-1 SDG Number: Lea County, NM

List Source: Eurofins Midland

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Login Number: 1650 List Number: 1 Creator: Phillips, Kerianna

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.	True	
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	

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

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

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	56131
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	11/1/2021

CONDITIONS

Action 56131