SPORT ENVIRONMENTAL SERVICES, LLC
502 N. Big Spring Street, Midland, Texas 79701
Business: 432.683.1100 Fax: 888.500.0622

May 21, 2020

Ms. Victoria Venegas
EMNRD
NMOCD – District II (Artesia, NM)
Submitted via email: Victoria.Venegas@state.nm.us

Re: **XTO Energy, Inc. - EMSU B Tank Battery (1RP-5446) (Incident #: NDHR1912143128)**
Request for Deferral Denial - Response
Full delineation completed and contaminated soil from HDP2 disposed of appropriately

Dear Ms. Venegas:

At the request of XTO Energy, Inc. *(XTO)*, Sport Environmental Services, LLC is responding to New Mexico Oil Conservation Division (NMOCD) denial of the deferral request associated with a release of crude oil at the Eunice Monument South Unit (EMSU) B Tank Battery which was assigned the 1RP-5446 identifier. In the denial, NMODC stated that the deferral may be granted if the contamination is fully delineated and does not cause an imminent risk to human health, the environment or groundwater. The following three bullet points and brief description of the necessary steps to be taken for further deferral consideration were provided in the denial on October 24, 2019 and are excerpted below:

Excerpt from "EMSU B Tank Battery 1RP-5446_XTO" Email Sent by NMOCD (October 24, 2019)

- The release has not been fully delineated. By Rule NMAC 19.15.29.12.: "*The DEFERRAL may be granted so long as the contamination is fully delineated and does not cause an imminent risk to human health, the environment or ground water*".
- This site is subject to the most stringent closure levels in Table 1. The Depth to groundwater is 46 feet bgs. The TPH concentration at HDP2 @6"bgs is approximately 10 000 mg/kg, which is an unacceptably high value. By rule, the sample point HDP2 must be delineated to 100 mg/kg for TPH.
- Further delineation is required @SB1.

More remediation effort should be made on this site (at least, scrape the area to remove the shallow impacted soil above the TPH regulatory limit). OCD requests this site to be fully delineated to <50' closure standards in Table I of 19.15.29. The samples must be under the limit to verify the spill has been vertically delineated before we can approve a deferral.

Based on the additional delineation sampling that was performed following the denial, Sport Environmental Services, LLC *(Sport Environmental)* has successfully delineated the site in accordance with NMOCD's instructions. Specifically, the total petroleum hydrocarbon (TPH) concentrations that were present at the hard, caliche well pad surface of HDP2 were addressed. The affected soil at HDP2 was removed and sent to an approved facility for disposal. Additional delineation sampling at this point confirmed that the new excavation floor at this point contained TPH concentrations of approximately 33 mg/kg -- far less than the 100 mg/kg limit as demonstrated in the attached Full Analytical Report in **Attachment A.** In addition, this attachment shows that the requested further delineation of SB1 was successful and that a depth of 13.5 feet below ground surface was achieved. The TPH concentration at this depth was less than 15 mg/kg and well below the 100 mg/kg limit.

Sport Environmental, on behalf of XTO, has successfully accomplished the items detailed in NMOCD's response to the original deferral request. Sport Environmental thanks NMOCD for providing the additional guidance regarding the agency's request for additional sampling. Both samples were grab soil samples and collected at the location of their original sample points. The samples were properly collected, preserved, and delivered to Xenco Laboratories, a National Environmental Laboratory Accreditation Program (NELAP) Certified lab, for analysis.

Should NMOCD have any additional questions or comments regarding this request for deferral, please do not hesitate to contact us at (432) 683-1100.

Sincerely,

Cianna J. Logie

Cianna Logie, MS, REP, CESCO, RSO
Environmental & Regulatory Project Manager
Sport Environmental Services, LLC

Attachment

A Full Analytical Report – Xenco Laboratories
(Additional delineation sampling performed on January 14, 2020)

Attachment A

Full Analytical Report – Xenco Laboratories
(Additional delineation sampling performed on January 14, 2020)

Certificate of Analysis Summary 649088

Sport Environmental Services, LLC, Midland, TX

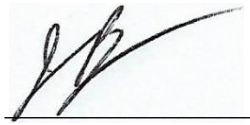
Project Name: XTO Energy-EMSU B Tank Battery (1RP-5446)

Project Id: 8015
Contact: Debi Moore
Project Location:

Date Received in Lab: Wed 01.15.2020 10:15
Report Date: 01.23.2020 14:21
Project Manager: John Builes

Analysis Requested								
	Lab Id:	649088-001		649088-002				
	Field Id:	SB1-S002 (Grab)		HDP2-S002 (Grab)				
	Depth:	13.5- ft		2- ft				
	Matrix:	SOIL		SOIL				
	Sampled:	01.14.2020 12:45		01.14.2020 13:00				
Total Petroleum Hydrocarbons by Texas 1005	***Extracted:***	01.21.2020 14:00		01.18.2020 10:00				
	Analyzed:	01.21.2020 23:35		01.19.2020 12:46				
	Units/RL:	mg/kg	RL	mg/kg	RL			
C6-C12 Gasoline Range Hydrocarbons		<15.0	24.9	<15.0	25.0			
>C12-C28 Diesel Range Hydrocarbons		<15.0	24.9	33.3	25.0			
>C28-C35 Oil Range Hydrocarbons		<15.0	24.9	<15.0	25.0			
Total TPH 1005		<15.0	24.9	33.3	25.0			

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



John Builes
Project Manager

Analytical Report 649088

for

Sport Environmental Services, LLC

Project Manager: Debi Moore

XTO Energy-EMSU B Tank Battery (1RP-5446)

8015

01.23.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (19-037-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)

01.23.2020

Project Manager: **Debi Moore**
Sport Environmental Services, LLC
502 North Big Spring Street
Midland, TX 79701

Reference: XENCO Report No(s): **649088**
XTO Energy-EMSU B Tank Battery (1RP-5446)
Project Address:

Debi Moore:

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 XENCO Report Number(s) 649088. 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 XENCO Laboratories. 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. 649088 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 XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

John Builes
Project Manager

A Small Business and Minority Company

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

Sample Cross Reference 649088

Sport Environmental Services, LLC, Midland, TX

XTO Energy-EMSU B Tank Battery (1RP-5446)

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB1-S002 (Grab)	S	01.14.2020 12:45	13.5 ft	649088-001
HDP2-S002 (Grab)	S	01.14.2020 13:00	2 ft	649088-002

CASE NARRATIVE

Client Name: Sport Environmental Services, LLC

Project Name: XTO Energy-EMSU B Tank Battery (1RP-5446)

Project ID: *8015*
Work Order Number(s): *649088*

Report Date: *01.23.2020*
Date Received: *01.15.2020*

This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory.

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Certificate of Analytical Results 649088

Sport Environmental Services, LLC, Midland, TX

XTO Energy-EMSU B Tank Battery (1RP-5446)

Sample Id:	**SB1-S002 (Grab)**	Matrix:	Soil	Date Received:	01.15.2020 10:15
Lab Sample Id:	649088-001	Date Collected:	01.14.2020 12:45	Sample Depth:	13.5 ft

Analytical Method:	Total Petroleum Hydrocarbons by Texas 1005			Prep Method:	TX1005P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	01.21.2020 14:00	Basis:	Wet Weight
Seq Number:	3114055				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
C6-C12 Gasoline Range Hydrocarbons	PHC612	<15.0	24.9	15.0	mg/kg	01.21.2020 23:35	U	1
>C12-C28 Diesel Range Hydrocarbons	PHCG1228	<15.0	24.9	15.0	mg/kg	01.21.2020 23:35	U	1
>C28-C35 Oil Range Hydrocarbons	PHCG2835	<15.0	24.9	15.0	mg/kg	01.21.2020 23:35	U	1
Total TPH 1005	PHC635	<15.0	24.9	15.0	mg/kg	01.21.2020 23:35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
o-Terphenyl	84-15-1	73	%	70-130	01.21.2020 23:35	
1-Chlorooctane	111-85-3	76	%	70-130	01.21.2020 23:35	

Certificate of Analytical Results 649088

Sport Environmental Services, LLC, Midland, TX

XTO Energy-EMSU B Tank Battery (1RP-5446)

Sample Id:	**HDP2-S002 (Grab)**	Matrix:	Soil	Date Received:	01.15.2020 10:15
Lab Sample Id:	649088-002	Date Collected:	01.14.2020 13:00	Sample Depth:	2 ft

Analytical Method:	Total Petroleum Hydrocarbons by Texas 1005			Prep Method:	TX1005P
Tech:	LRI			% Moisture:	
Analyst:	ARM	Date Prep:	01.18.2020 10:00	Basis:	Wet Weight
Seq Number:	3113810				

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
C6-C12 Gasoline Range Hydrocarbons	PHC612	<15.0	25.0	15.0	mg/kg	01.19.2020 12:46	U	1
>C12-C28 Diesel Range Hydrocarbons	PHCG1228	**33.3**	25.0	15.0	mg/kg	01.19.2020 12:46		1
>C28-C35 Oil Range Hydrocarbons	PHCG2835	<15.0	25.0	15.0	mg/kg	01.19.2020 12:46	U	1
Total TPH 1005	PHC635	**33.3**	25.0	15.0	mg/kg	01.19.2020 12:46		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
o-Terphenyl	84-15-1	78	%	70-130	01.19.2020 12:46	
1-Chlorooctane	111-85-3	75	%	70-130	01.19.2020 12:46	

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 Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

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/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

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

QC Summary 649088

Sport Environmental Services, LLC

XTO Energy-EMSU B Tank Battery (1RP-5446)

Analytical Method: **Total Petroleum Hydrocarbons by Texas 1005** Prep Method: TX1005P
Seq Number: 3113810 Matrix: Solid Date Prep: 01.18.2020
MB Sample Id: 7694736-1-BLK LCS Sample Id: 7694736-1-BKS LCSD Sample Id: 7694736-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	1030	103	1000	100	75-125	3	20	mg/kg	01.19.2020 12:07	
>C12-C28 Diesel Range Hydrocarbons	<15.0	1000	982	98	966	97	75-125	2	20	mg/kg	01.19.2020 12:07	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
o-Terphenyl	83		86		86		70-130	%	01.19.2020 12:07
1-Chlorooctane	79		97		96		70-130	%	01.19.2020 12:07

Analytical Method: **Total Petroleum Hydrocarbons by Texas 1005** Prep Method: TX1005P
Seq Number: 3114055 Matrix: Solid Date Prep: 01.21.2020
MB Sample Id: 7694876-1-BLK LCS Sample Id: 7694876-1-BKS LCSD Sample Id: 7694876-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	1000	100	982	98	75-125	2	20	mg/kg	01.21.2020 21:28	
>C12-C28 Diesel Range Hydrocarbons	<15.0	1000	863	86	876	88	75-125	1	20	mg/kg	01.21.2020 21:28	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
o-Terphenyl	89		81		82		70-130	%	01.21.2020 21:28
1-Chlorooctane	89		91		92		70-130	%	01.21.2020 21:28

Analytical Method: **Total Petroleum Hydrocarbons by Texas 1005** Prep Method: TX1005P
Seq Number: 3113810 Matrix: Solid Date Prep: 01.18.2020
MB Sample Id: 7694736-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
>C28-C35 Oil Range Hydrocarbons	<15.0	mg/kg	01.19.2020 11:48	

Analytical Method: **Total Petroleum Hydrocarbons by Texas 1005** Prep Method: TX1005P
Seq Number: 3114055 Matrix: Solid Date Prep: 01.21.2020
MB Sample Id: 7694876-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
>C28-C35 Oil Range Hydrocarbons	<15.0	mg/kg	01.21.2020 21:07	

MS/MSD Percent Recovery [D] = 100*(C-A) / B LCS = Laboratory Control Sample MS = Matrix Spike
Relative Percent Difference RPD = 200* | (C-E) / (C+E) | A = Parent Result B = Spike Added
LCS/LCSD Recovery [D] = 100 * (C) / [B] C = MS/LCS Result D = MSD/LCSD % Rec
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample) E = MSD/LCSD Result

QC Summary 649088

Sport Environmental Services, LLC

XTO Energy-EMSU B Tank Battery (1RP-5446)

Analytical Method: **Total Petroleum Hydrocarbons by Texas 1005** Prep Method: TX1005P
Seq Number: 3113810 Matrix: Soil Date Prep: 01.18.2020
Parent Sample Id: 649088-002 MS Sample Id: 649088-002 S MSD Sample Id: 649088-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	1000	100	1040	104	75-125	4	30	mg/kg	01.19.2020 13:05	
>C12-C28 Diesel Range Hydrocarbons	33.3	1000	981	95	987	95	75-125	1	30	mg/kg	01.19.2020 13:05	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
o-Terphenyl	84		86		70-130	%	01.19.2020 13:05
1-Chlorooctane	108		101		70-130	%	01.19.2020 13:05

Analytical Method: **Total Petroleum Hydrocarbons by Texas 1005** Prep Method: TX1005P
Seq Number: 3114055 Matrix: Soil Date Prep: 01.21.2020
Parent Sample Id: 649174-001 MS Sample Id: 649174-001 S MSD Sample Id: 649174-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.0	999	882	88	893	90	75-125	1	30	mg/kg	01.21.2020 22:31	
>C12-C28 Diesel Range Hydrocarbons	<15.0	999	889	89	860	86	75-125	3	30	mg/kg	01.21.2020 22:31	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
o-Terphenyl	70		71		70-130	%	01.21.2020 22:31
1-Chlorooctane	99		77		70-130	%	01.21.2020 22:31

MS/MSD Percent Recovery [D] = 100*(C-A) / B LCS = Laboratory Control Sample MS = Matrix Spike
Relative Percent Difference RPD = 200* | (C-E) / (C+E) | A = Parent Result B = Spike Added
LCS/LCSD Recovery [D] = 100 * (C) / [B] C = MS/LCS Result D = MSD/LCSD % Rec
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample) E = MSD/LCSD Result

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000) www.xenco.com Page _____ of _____

Work Order No: 604CES

Project Manager:	Debi Moore	Bill to: (if different)	
Company Name:	Sport Environmental Services, LLC	Company Name:	
Address:	502 N Big Spring Street	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-683-1100	Email:	debi @sportenv.com cianna@sportenv.com clint@sportenv.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	XTO Energy - EMSU B Tank Battery (1RP-5446)	Turn Around	
Project Number:		Routine: X	
P.O. Number:		Rush:	
Sampler's Name:	Clint Elliott	Due Date:	

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Temperature (°C):	5.9	Thermometer ID:	IR5	
Received Intact:	(Yes) No			
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	0	
Sample Custody Seals:	Yes No N/A	Total Containers:		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH (TX1005)														
SB1 - S002 (Grab)	S	1/14/2020	1245	13.5' bgs'	1	x														
HDP2 - S002 (Grab)	S	1/14/2020	1300	2' bgs	1	x														

ANALYSIS REQUEST

Work Order Notes

TAT starts the day recevied by the lab, if received by 4:30pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1/15/19 1015	2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Sport Environmental Services, LLC

Date/ Time Received: 01.15.2020 10.15.00 AM

Work Order #: 649088

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	5.9	
#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**	TPH was in bulk container
#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: Brianna Teel Date: 01.15.2020

Brianna Teel

Checklist reviewed by: Date: 01.17.2020

John Builes