



June 12, 2024

June 12, 2024

New Mexico Oil Conservation Division (NMOCD)
Environmental Bureau Projects Group
1000 Rio Brazos Road
Aztec, NM 87110

Attn: Ms. Ashley Maxwell
P 505-635-5000
E ashley.maxwell@emnrd.nm.gov

RE: Remediation Work Plan
Scout Energy Partners
WDDU #88
Case No. (1RP-925), Incident ID NPAC0616632139
Jal, Lea County, New Mexico

Dear Ms. Maxwell:

Scout Energy Partners (Scout) has prepared this work plan describing site investigation activities which occurred in 2023 and a plan for remediation in 2024. The scope of work is intended to address historic contamination which occurred prior to Scout purchasing the property from Chevron in October of 2021.

Project Background and Location Information

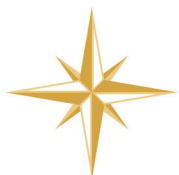
The Site is located approximately 7.84 miles northeast of Jal, in United States Bureau of Land Management (BLM), Unit D, Section 5, Township 25 South, Range 38 East, Lea County, New Mexico.

The location is more than 5 miles from any permanent residence, school, hospital, institution or church. No fresh water wells/springs of continuously flowing watercourses flow within 5 miles of the location as well.

On May 24, 2006, a steel flowline failed due to corrosion releasing approximately 4.4 barrels (bbls) of oil and 95.6 bbls of produced water. The Initial C-141 Form stated the leak was isolated and repaired the following day. According to the New Mexico Office of the State Engineer (NMOSE) database, there is a water well (CP-01690-POD1) approximately 0.55 miles of the Site with a depth to groundwater of 105 feet below ground surface (bgs). The Initial C-141 Form for this release was submitted to the New Mexico Oil Conservation Division (NMOCD) on May 24, 2006 and approved by NMOCD on June 13, 2006. The release was assigned remediation permit number 1RP-925. The Initial C-141 Form for this release is included in **Attachment 1**.

2023 Site Sampling

In 2023, soil samples were collected in 1' intervals down to 4' below ground surface (bgs) in 11 separate locations utilizing hand auguring and air rotary drill methods. These samples were analyzed for Chlorides, TPH GRO, DRO & MRO and BTEX in accordance with NMOCD standards.



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- Chloride was detected as high as 1,210 mg/kg. No other analytes detected levels higher than NMOCD standards.
- Chloride concentrations exceeded NMOCD screening limit of 600 mg/kg within the release area at five soil boring locations (S-5, S-6 & S-8) to depths of 3 foot below ground surface. No concentrations of any contaminate was found to exceed NMOCD cleanup standards at depths greater than three feet below ground surface.

As such, Scout feels the contaminated area has been delineated vertically at this time. Scout does not feel that the area has been fully delineated horizontally after initial soil screenings. The site map showing sample locations and analytical report are included in **Attachments 2 and 3**. Attached with the site map is a historic map outlining what analytical work had been done prior to Scout acquiring the asset.

Next Steps

Scout intends to excavate out all areas which exceeded NMOCD screening criteria limit of 600 mg/kg within the original release area. It's estimated that total of 1,184 square feet of soil will be reclaimed resulting in approximately 89 cubic yards of soil to be remediated.

Scout will utilize field screening test strips while excavating to determine digging area and will remove contaminated soil. All soil will be hauled to a facility permitted to handle waste of this type within the states of New Mexico or Texas. Scout will also utilize hand augers to further delineate the area horizontally. All excavated areas will be confirmation sampled upon completion and those samples will be submitted to the state through a C-141 form.

Prior to initiating any intrusive work, Scout will coordinate utility clearance activities as required.

Work Plan Approval and Schedule

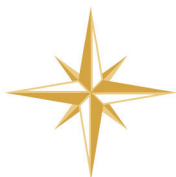
Upon approval, Scout intends to begin work excavating area immediately. All appropriate notices of work and sampling will be given to the state within required times.

Should you have any questions regarding this work plan, please contact me at (972) 965-5580 or Spencer.jackson@scoutep.com.

Sincerely,

Spencer Jackson
Senior HSE Specialist

Attachments – Attachment 1, Initial C-141
Attachment 2, 2023 Site Map
Attachment 3, Analytical Report



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Attachment 1

Initial C-141 Form

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Chevron U.S.A. INC	Contact Eddy Gregory
Address P.O. Drawer 29 Andrews Texas 79714	Telephone No. 432-523-7655 Ext 7603
Facility Name WDDU #88	Facility Type- Oil well

Surface Owner George Willis	Mineral Owner-Federal	Lease No.
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LOCATION OF RELEASE

API# 30025 123870000

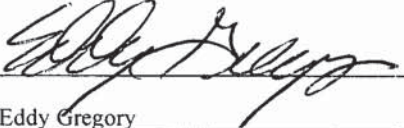
Unit Letter	Section 5	Township 25.0S	Range 38e	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
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Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Oil and Produced Water	Volume of Release 4.4bbl oil/95.6bbl water	Volume Recovered 0
Source of Release Production flowline	Date and Hour of Occurrence 12:00:00 5/24/06	Date and Hour of Discovery 18:00:00 5/24/06
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Sylvia Dicky	
By Whom? Eddy Gregory	Date and Hour 5/25/06 @ 16:00	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken Steel flow line had external corrosion causing small leak in the pipe. Shut in well and flowline, ordered replacement flowline for installation the following day.		
Describe Area Affected and Cleanup Action Taken.* 205' x 35' area was impacted by the spill. Will pick up hydrocarbon impacted soil and carry to Chevron property for road spread.		

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Eddy Gregory	Approved by District Supervisor:	
Title: HES Champion	Approval Date: 6-13-06	Expiration Date: 90-day
E-mail Address: eegr@chevron.com	Conditions of Approval: Report for delineation of CI; TPH	Attached ☐
Date: 5/24/06	Phone: 432-523-3655	

* Attach Additional Sheets If Necessary

incident - nPAC 0616632139 100'
application - nPAC 0616632399
RPT# 925

BTEX

Attachment 2

Site Map

WDDU 88

Sampling Map

Legend

 10/18/2023 Sample Locations

S-1

S-2

S-3

WDDU 88

S-9

S-10

S-11

S-4

S-5

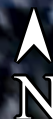
S-6

S-8

S-7

Google Earth

80 ft

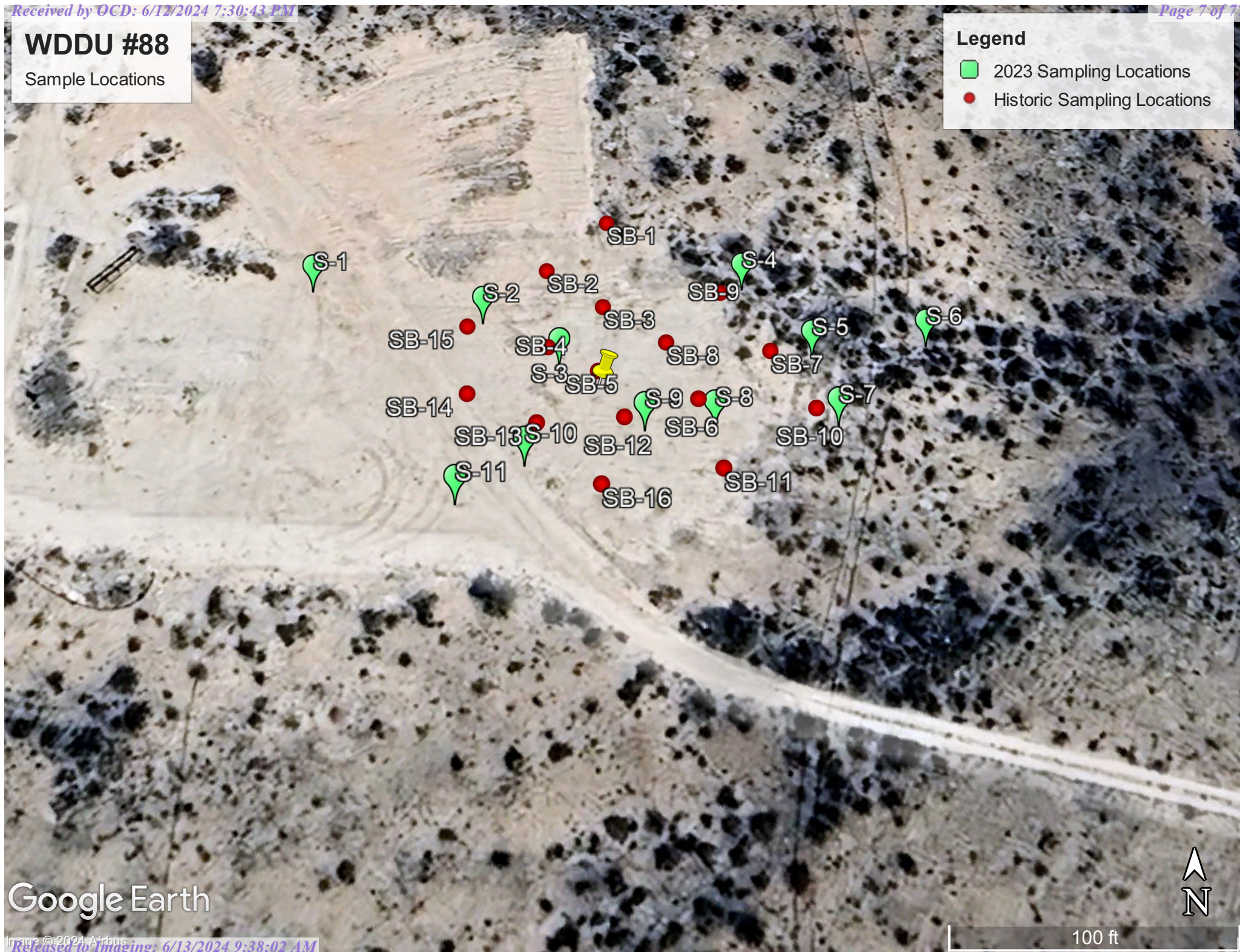


WDDU #88

Sample Locations

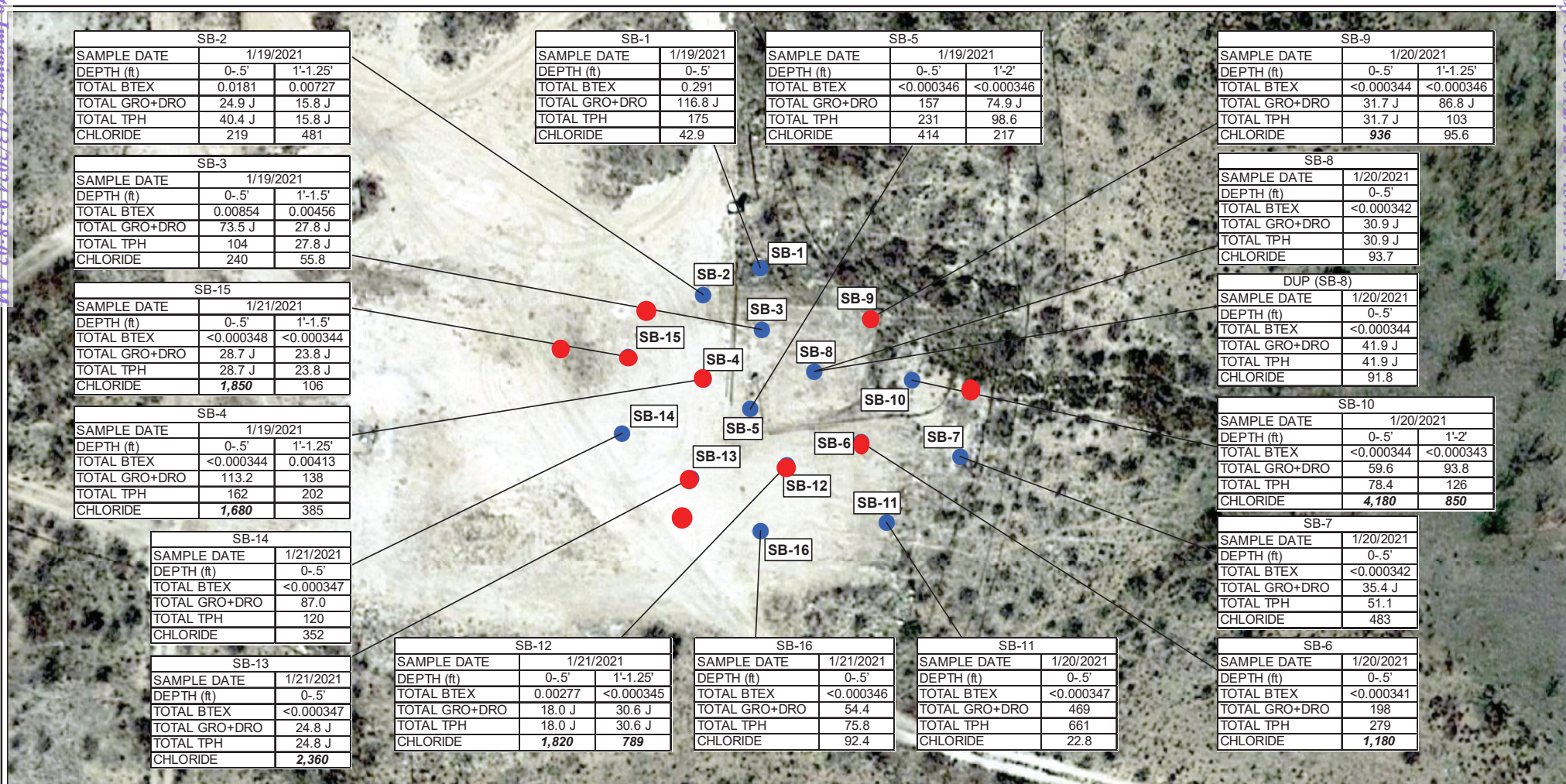
Legend

- 2023 Sampling Locations
- Historic Sampling Locations



Google Earth

100 ft

**LEGEND:**

- Soil Sample Locations
- Proposed Soil Sample Locations

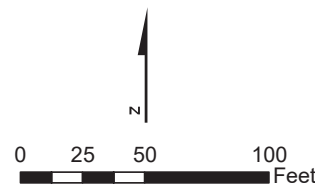
NOTES:

1. Datum: GCS_WGS_1984
2. Site Location: 32.164736, -103.075586

Notes:

1. **BOLD** = Analytes exceeding NMAC standards and restoration requirements for Chloride
2. "<" Indicates the analyte was not detected at or above the Method Detection Limit (MDL).
3. J Indicates Result is less than the Reporting Limit but greater than or equal to the MDL and the concentration is an approximate value.
4. BTEX Indicates Benzene, Toluene, Ethylbenzene, and Total Xylenes.
5. TPH GRO Indicates Total Petroleum Hydrocarbons Gasoline Range Organics.
6. TPH DRO Indicates Total Petroleum Hydrocarbon Diesel Range Organics.
7. Total TPH = GRO + DRO + MRO
8. *Revised screening limit and restoration criteria within the first 4 feet below ground surface per Rule 19.15.29 effective August 14, 2018
9. TPH analyzed by TPH by SW8015 Mod DRO/ GRO Method.
10. BTEX analyzed by United States Environmental Protection Agency (USEPA) Method 8260C.
11. Closure Criteria New Mexico Administrative Code 19.15.29.12.E(2).

12. NMAC Indicates New Mexico Administration Code.
13. All values are in mg/kg (Milligram per Kilogram).
14. " " " Indicates one foot.
15. DUP : Duplicate sample
16. Chloride analyzed by USEPA Method 300.0.



Scout Energy Partners
WDDU 88
Lea County, New Mexico

PROPOSED SOIL SAMPLE LOCATION MAP



FIGURE

1

Attachment 3

Analytical Report

**TTI ENVIRONMENTAL
LABORATORIES****TEST REPORT****TTI Lab No: T013646****Customer ID: HC****PO #: ---****Date Collected: 10/18/23****Date Received: 10/20/23****Date Reported: 11/10/23**

Steve Trammell
Hydro-Con
11263 S I35
Lorena, TX 76655

Dear Steve Trammell:

Please find the enclosed analytical results for the samples you submitted to TTI Environmental Laboratories.

The as-is-received samples were suitably preserved and prepared as per EPA approved methodology. The determinations were carried out using EPA approved methods. The test results are tabulated in the attached tables. The analytical data contained in these tables has undergone a thorough review and is deemed to be accurate and complete.

Everyone in our organization will work hard to earn your continued support. We appreciate the opportunity to do business with you and look forward to a growing relationship in the future.

Please do not hesitate to contact us, if we can be of any service to you or if you have any questions, at (817) 861-5322.

Hardy Pabley
Hardy Pabley

**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Client Sample ID	Laboratory ID	Matrix	Sampled:
S-1-1'	T013646-01	Soil	10/18/2023
S-1-2'	T013646-02	Soil	10/18/2023
S-1-3'	T013646-03	Soil	10/18/2023
S-1-4'	T013646-04	Soil	10/18/2023
S-2-1'	T013646-05	Soil	10/18/2023
S-2-2'	T013646-06	Soil	10/18/2023
S-2-3'	T013646-07	Soil	10/18/2023
S-2-4'	T013646-08	Soil	10/18/2023
S-3-1'	T013646-09	Soil	10/18/2023
S-3-2'	T013646-10	Soil	10/18/2023
S-3-3'	T013646-11	Soil	10/18/2023
S-3-4'	T013646-12	Soil	10/18/2023
S-4-1'	T013646-13	Soil	10/18/2023
S-4-2'	T013646-14	Soil	10/18/2023
S-4-3'	T013646-15	Soil	10/18/2023
S-4-4'	T013646-16	Soil	10/18/2023
S-5-1'	T013646-17	Soil	10/18/2023
S-5-2'	T013646-18	Soil	10/18/2023
S-5-3'	T013646-19	Soil	10/18/2023
S-5-4'	T013646-20	Soil	10/18/2023
S-6-1'	T013646-21	Soil	10/18/2023
S-6-2'	T013646-22	Soil	10/18/2023
S-6-3'	T013646-23	Soil	10/18/2023
S-7-1'	T013646-24	Soil	10/18/2023
S-7-2'	T013646-25	Soil	10/18/2023
S-7-3'	T013646-26	Soil	10/18/2023
S-7-4'	T013646-27	Soil	10/18/2023

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Client Sample ID	Laboratory ID	Matrix	Sampled:
S-8-1'	T013646-28	Soil	10/18/2023
S-8-2'	T013646-29	Soil	10/18/2023
S-8-3'	T013646-30	Soil	10/18/2023
S-8-4'	T013646-31	Soil	10/18/2023
S-9-1'	T013646-32	Soil	10/18/2023
S-9-2'	T013646-33	Soil	10/18/2023
S-9-3'	T013646-34	Soil	10/18/2023
S-9-4'	T013646-35	Soil	10/18/2023
S-10-1'	T013646-36	Soil	10/18/2023
S-10-2'	T013646-37	Soil	10/18/2023
S-10-3'	T013646-38	Soil	10/18/2023
S-10-4'	T013646-39	Soil	10/18/2023
S-11-1'	T013646-40	Soil	10/18/2023
S-11-2'	T013646-41	Soil	10/18/2023
S-11-3'	T013646-42	Soil	10/18/2023
S-11-4'	T013646-43	Soil	10/18/2023


**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-1-1'
TTI Sample No.: T013646-01

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.5	%		10/27/23
Chloride	SM4500-CL	0.255	0.817	10	70.0	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.194	10.4	1	< 0.194	mg/kg dry	U	10/28/23
Diesel Range Organics(DRO)	EPA 8015M	0.218	10.4	1	< 0.218	mg/kg dry	U	10/28/23
Motor Oil Organics(MRO)	EPA 8015M	0.218	10.4	1	< 0.218	mg/kg dry	U	10/28/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/28/23
Surrogate: 1-Chlorooctane	EPA 8015M				86.9 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				87.8 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00221	0.0103	1	< 0.00221	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00219	0.0103	1	< 0.00219	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00200	0.0103	1	< 0.00200	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00479	0.0103	1	< 0.00479	mg/kg dry	U	10/24/23

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800 106th Street ♦ Arlington, Texas 76011

Phone: (817) 861-5322 ♦ Fax: (817) 261 1717


**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-1-2'
TTI Sample No.: T013646-02

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	94.3	%		10/27/23
Chloride	SM4500-CL	0.264	0.845	10	41.2	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.198	10.6	1	< 0.198	mg/kg dry	U	10/28/23
Diesel Range Organics(DRO)	EPA 8015M	0.222	10.6	1	< 0.222	mg/kg dry	U	10/28/23
Motor Oil Organics(MRO)	EPA 8015M	0.222	10.6	1	< 0.222	mg/kg dry	U	10/28/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/28/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				87.5 %			
Surrogate: 1-Chlorooctane	EPA 8015M				83.6 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00228	0.0106	1	< 0.00228	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00226	0.0106	1	< 0.00226	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00206	0.0106	1	< 0.00206	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00493	0.0106	1	< 0.00493	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-1-3'
TTI Sample No.: T013646-03

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	93.8	%		10/27/23
Chloride	SM4500-CL	0.263	0.841	10	47.3	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.198	10.6	1	< 0.198	mg/kg dry	U	10/28/23
Diesel Range Organics(DRO)	EPA 8015M	0.223	10.6	1	< 0.223	mg/kg dry	U	10/28/23
Motor Oil Organics(MRO)	EPA 8015M	0.223	10.6	1	< 0.223	mg/kg dry	U	10/28/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/28/23
Surrogate: 1-Chlorooctane	EPA 8015M				89.1 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				87.1 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00224	0.0104	1	< 0.00224	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00222	0.0104	1	< 0.00222	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00203	0.0104	1	< 0.00203	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00486	0.0104	1	< 0.00486	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-1-4'
TTI Sample No.: T013646-04

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	94.4	%		10/27/23
Chloride	SM4500-CL	0.265	0.847	10	42.3	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.197	10.5	1	< 0.197	mg/kg dry	U	10/28/23
Diesel Range Organics(DRO)	EPA 8015M	0.221	10.5	1	< 0.221	mg/kg dry	U	10/28/23
Motor Oil Organics(MRO)	EPA 8015M	0.221	10.5	1	< 0.221	mg/kg dry	U	10/28/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/28/23
Surrogate: 1-Chlorooctane	EPA 8015M				88.2 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				84.7 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00224	0.0104	1	< 0.00224	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00222	0.0104	1	< 0.00222	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00203	0.0104	1	< 0.00203	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00485	0.0104	1	< 0.00485	mg/kg dry	U	10/24/23

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800 106th Street ♦ Arlington, Texas 76011

Phone: (817) 861-5322 ♦ Fax: (817) 261 1717


**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-2-1'
TTI Sample No.: T013646-05

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	98.0	%		10/27/23
Chloride	SM4500-CL	0.251	0.804	10	491	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.190	10.2	1	< 0.190	mg/kg dry	U	10/28/23
Diesel Range Organics(DRO)	EPA 8015M	0.214	10.2	1	< 0.214	mg/kg dry	U	10/28/23
Motor Oil Organics(MRO)	EPA 8015M	0.214	10.2	1	< 0.214	mg/kg dry	U	10/28/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/28/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				84.8 %			
Surrogate: 1-Chlorooctane	EPA 8015M				78.6 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00218	0.0102	1	< 0.00218	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00216	0.0102	1	< 0.00216	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00198	0.0102	1	< 0.00198	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00474	0.0102	1	< 0.00474	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-2-2'
TTI Sample No.: T013646-06

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.8	%		10/27/23
Chloride	SM4500-CL	0.257	0.821	10	454	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.192	10.3	1	< 0.192	mg/kg dry	U	10/28/23
Diesel Range Organics(DRO)	EPA 8015M	0.216	10.3	1	< 0.216	mg/kg dry	U	10/28/23
Motor Oil Organics(MRO)	EPA 8015M	0.216	10.3	1	< 0.216	mg/kg dry	U	10/28/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/28/23
Surrogate: 1-Chlorooctane	EPA 8015M				81.8 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				82.0 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00222	0.0103	1	< 0.00222	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00220	0.0103	1	< 0.00220	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00201	0.0103	1	< 0.00201	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00480	0.0103	1	< 0.00480	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-2-3'
TTI Sample No.: T013646-07

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	94.3	%		10/27/23
Chloride	SM4500-CL	0.262	0.840	10	427	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.198	10.6	1	< 0.198	mg/kg dry	U	10/28/23
Diesel Range Organics(DRO)	EPA 8015M	0.222	10.6	1	< 0.222	mg/kg dry	U	10/28/23
Motor Oil Organics(MRO)	EPA 8015M	0.222	10.6	1	< 0.222	mg/kg dry	U	10/28/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/28/23
Surrogate: 1-Chlorooctane	EPA 8015M				80.2 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				85.0 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00227	0.0106	1	< 0.00227	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00225	0.0106	1	< 0.00225	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00206	0.0106	1	< 0.00206	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00492	0.0106	1	< 0.00492	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-2-4'
TTI Sample No.: T013646-08

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	93.4	%		10/27/23
Chloride	SM4500-CL	0.267	0.854	10	455	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.200	10.7	1	< 0.200	mg/kg dry	U	10/28/23
Diesel Range Organics(DRO)	EPA 8015M	0.224	10.7	1	< 0.224	mg/kg dry	U	10/28/23
Motor Oil Organics(MRO)	EPA 8015M	0.224	10.7	1	< 0.224	mg/kg dry	U	10/28/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/28/23
Surrogate: 1-Chlorooctane	EPA 8015M				86.2 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				85.6 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00222	0.0103	1	< 0.00222	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00220	0.0103	1	< 0.00220	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00201	0.0103	1	< 0.00201	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00482	0.0103	1	< 0.00482	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-3-1'
TTI Sample No.: T013646-09

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.6	%		10/27/23
Chloride	SM4500-CL	0.256	0.820	10	319	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.194	10.3	1	< 0.194	mg/kg dry	U	10/28/23
Diesel Range Organics(DRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/28/23
Motor Oil Organics(MRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/28/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/28/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				84.1 %			
Surrogate: 1-Chlorooctane	EPA 8015M				89.9 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00216	0.0101	1	< 0.00216	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00214	0.0101	1	< 0.00214	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00196	0.0101	1	< 0.00196	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00469	0.0101	1	< 0.00469	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-3-2'
TTI Sample No.: T013646-10

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	95.3	%		10/27/23
Chloride	SM4500-CL	0.262	0.839	10	385	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.194	10.4	1	< 0.194	mg/kg dry	U	10/28/23
Diesel Range Organics(DRO)	EPA 8015M	0.218	10.4	1	< 0.218	mg/kg dry	U	10/28/23
Motor Oil Organics(MRO)	EPA 8015M	0.218	10.4	1	< 0.218	mg/kg dry	U	10/28/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/28/23
Surrogate: 1-Chlorooctane	EPA 8015M				86.5 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				82.8 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00226	0.0105	1	< 0.00226	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00223	0.0105	1	< 0.00223	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00205	0.0105	1	< 0.00205	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00489	0.0105	1	< 0.00489	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-3-3'
TTI Sample No.: T013646-11

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	95.1	%		10/27/23
Chloride	SM4500-CL	0.260	0.833	10	368	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.195	10.4	1	< 0.195	mg/kg dry	U	10/28/23
Diesel Range Organics(DRO)	EPA 8015M	0.219	10.4	1	< 0.219	mg/kg dry	U	10/28/23
Motor Oil Organics(MRO)	EPA 8015M	0.219	10.4	1	< 0.219	mg/kg dry	U	10/28/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/28/23
Surrogate: 1-Chlorooctane	EPA 8015M				84.8 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				83.0 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00225	0.0105	1	< 0.00225	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00223	0.0105	1	< 0.00223	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00204	0.0105	1	< 0.00204	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00488	0.0105	1	< 0.00488	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-3-4'
TTI Sample No.: T013646-12

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	94.3	%		10/27/23
Chloride	SM4500-CL	0.264	0.844	10	333	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.198	10.6	1	< 0.198	mg/kg dry	U	10/28/23
Diesel Range Organics(DRO)	EPA 8015M	0.222	10.6	1	< 0.222	mg/kg dry	U	10/28/23
Motor Oil Organics(MRO)	EPA 8015M	0.222	10.6	1	< 0.222	mg/kg dry	U	10/28/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/28/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				83.7 %			
Surrogate: 1-Chlorooctane	EPA 8015M				78.4 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00228	0.0106	1	< 0.00228	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00226	0.0106	1	< 0.00226	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00207	0.0106	1	< 0.00207	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00494	0.0106	1	< 0.00494	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-4-1'
TTI Sample No.: T013646-13

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	98.8	%		10/27/23
Chloride	SM4500-CL	0.251	0.803	10	72.8	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.189	10.1	1	< 0.189	mg/kg dry	U	10/28/23
Diesel Range Organics(DRO)	EPA 8015M	0.213	10.1	1	< 0.213	mg/kg dry	U	10/28/23
Motor Oil Organics(MRO)	EPA 8015M	0.213	10.1	1	< 0.213	mg/kg dry	U	10/28/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/28/23
Surrogate: 1-Chlorooctane	EPA 8015M				84.3 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				87.1 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00216	0.0101	1	< 0.00216	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00214	0.0101	1	< 0.00214	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00196	0.0101	1	< 0.00196	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00469	0.0101	1	< 0.00469	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-4-2'
TTI Sample No.: T013646-14

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.8	%		10/27/23
Chloride	SM4500-CL	0.256	0.820	10	98.5	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.193	10.3	1	< 0.193	mg/kg dry	U	10/28/23
Diesel Range Organics(DRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/28/23
Motor Oil Organics(MRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/28/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/28/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				86.2 %			
Surrogate: 1-Chlorooctane	EPA 8015M				88.6 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00222	0.0103	1	< 0.00222	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00220	0.0103	1	< 0.00220	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00201	0.0103	1	< 0.00201	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00481	0.0103	1	< 0.00481	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-4-3'
TTI Sample No.: T013646-15

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.7	%		10/27/23
Chloride	SM4500-CL	0.255	0.815	10	74.4	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.193	10.3	1	< 0.193	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				84.5 %			
Surrogate: 1-Chlorooctane	EPA 8015M				87.6 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00221	0.0103	1	< 0.00221	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00219	0.0103	1	< 0.00219	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00200	0.0103	1	< 0.00200	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00479	0.0103	1	< 0.00479	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-4-4'
TTI Sample No.: T013646-16

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	97.3	%		10/27/23
Chloride	SM4500-CL	0.255	0.816	10	49.4	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.192	10.3	1	< 0.192	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.216	10.3	1	< 0.216	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.216	10.3	1	< 0.216	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctane	EPA 8015M				86.3 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				85.7 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00219	0.0102	1	< 0.00219	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00217	0.0102	1	< 0.00217	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00199	0.0102	1	< 0.00199	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00475	0.0102	1	< 0.00475	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-5-1'
TTI Sample No.: T013646-17

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	97.8	%		10/27/23
Chloride	SM4500-CL	0.255	0.815	10	1210	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.191	10.2	1	< 0.191	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.214	10.2	1	< 0.214	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.214	10.2	1	< 0.214	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				87.8 %			
Surrogate: 1-Chlorooctane	EPA 8015M				93.3 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00218	0.0101	1	< 0.00218	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00216	0.0101	1	< 0.00216	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00198	0.0101	1	< 0.00198	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00473	0.0101	1	< 0.00473	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-5-2'
TTI Sample No.: T013646-18

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.2	%		10/27/23
Chloride	SM4500-CL	0.257	0.823	10	783	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.194	10.4	1	< 0.194	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.218	10.4	1	< 0.218	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.218	10.4	1	< 0.218	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				88.2 %			
Surrogate: 1-Chlorooctane	EPA 8015M				85.2 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00222	0.0103	1	< 0.00222	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00220	0.0103	1	< 0.00220	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00201	0.0103	1	< 0.00201	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00481	0.0103	1	< 0.00481	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-5-3'
TTI Sample No.: T013646-19

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	95.5	%		10/27/23
Chloride	SM4500-CL	0.259	0.829	10	666	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.195	10.4	1	< 0.195	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.219	10.4	1	< 0.219	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.219	10.4	1	< 0.219	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctane	EPA 8015M				81.1 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				80.7 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00223	0.0104	1	< 0.00223	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00221	0.0104	1	< 0.00221	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00203	0.0104	1	< 0.00203	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00484	0.0104	1	< 0.00484	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-5-4'
TTI Sample No.: T013646-20

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	95.2	%		10/27/23
Chloride	SM4500-CL	0.260	0.833	10	586	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.196	10.5	1	< 0.196	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.220	10.5	1	< 0.220	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.220	10.5	1	< 0.220	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				80.7 %			
Surrogate: 1-Chlorooctane	EPA 8015M				76.9 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00218	0.0102	1	< 0.00218	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00216	0.0102	1	< 0.00216	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00198	0.0102	1	< 0.00198	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00473	0.0102	1	< 0.00473	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-6-1'
TTI Sample No.: T013646-21

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.8	%		10/27/23
Chloride	SM4500-CL	0.0509	0.163	2	13.3	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.193	10.3	1	< 0.193	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				86.5 %			
Surrogate: 1-Chlorooctane	EPA 8015M				83.2 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00220	0.0102	1	< 0.00220	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00218	0.0102	1	< 0.00218	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00199	0.0102	1	< 0.00199	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00477	0.0102	1	< 0.00477	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-6-2'
TTI Sample No.: T013646-22

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.8	%		10/27/23
Chloride	SM4500-CL	0.0511	0.164	2	15.9	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.193	10.3	1	< 0.193	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				82.3 %			
Surrogate: 1-Chlorooctane	EPA 8015M				80.5 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00220	0.0102	1	< 0.00220	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00218	0.0102	1	< 0.00218	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00200	0.0102	1	< 0.00200	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00478	0.0102	1	< 0.00478	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-6-3'
TTI Sample No.: T013646-23

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	95.6	%		10/27/23
Chloride	SM4500-CL	0.258	0.826	10	29.9	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.196	10.5	1	< 0.196	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.220	10.5	1	82.8	mg/kg dry		10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.220	10.5	1	< 0.220	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	82.8	mg/kg dry		10/29/23
Surrogate: 1-Chlorooctane	EPA 8015M				77.0 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				81.2 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00225	0.0105	1	< 0.00225	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00223	0.0105	1	< 0.00223	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00204	0.0105	1	< 0.00204	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00487	0.0105	1	< 0.00487	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-7-1'
TTI Sample No.: T013646-24

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	98.2	%		10/27/23
Chloride	SM4500-CL	0.253	0.810	10	599	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.190	10.2	1	< 0.190	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.214	10.2	1	< 0.214	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.214	10.2	1	< 0.214	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				85.7 %			
Surrogate: 1-Chlorooctane	EPA 8015M				83.2 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00211	0.00983	1	< 0.00211	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00209	0.00983	1	< 0.00209	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00192	0.00983	1	< 0.00192	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00458	0.00983	1	< 0.00458	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-7-2'
TTI Sample No.: T013646-25

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.5	%		10/27/23
Chloride	SM4500-CL	0.258	0.826	10	454	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.193	10.3	1	< 0.193	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				85.4 %			
Surrogate: 1-Chlorooctane	EPA 8015M				83.8 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00223	0.0104	1	< 0.00223	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00221	0.0104	1	< 0.00221	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00202	0.0104	1	< 0.00202	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00483	0.0104	1	< 0.00483	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-7-3'
TTI Sample No.: T013646-26

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.7	%		10/27/23
Chloride	SM4500-CL	0.257	0.822	10	574	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.192	10.3	1	< 0.192	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.216	10.3	1	< 0.216	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.216	10.3	1	< 0.216	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctane	EPA 8015M				79.3 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				83.5 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00218	0.0101	1	< 0.00218	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00216	0.0101	1	< 0.00216	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00198	0.0101	1	< 0.00198	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00472	0.0101	1	< 0.00472	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-7-4'
TTI Sample No.: T013646-27

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.9	%		10/27/23
Chloride	SM4500-CL	0.257	0.822	10	468	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.192	10.3	1	< 0.192	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.215	10.3	1	< 0.215	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.215	10.3	1	< 0.215	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctane	EPA 8015M				78.0 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				80.6 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00221	0.0103	1	< 0.00221	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00219	0.0103	1	< 0.00219	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00200	0.0103	1	< 0.00200	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00479	0.0103	1	< 0.00479	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-8-1'
TTI Sample No.: T013646-28

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.9	%		10/27/23
Chloride	SM4500-CL	0.256	0.820	10	756	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.193	10.3	1	< 0.193	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.216	10.3	1	< 0.216	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.216	10.3	1	< 0.216	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctane	EPA 8015M				91.1 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				85.9 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00221	0.0103	1	< 0.00221	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00219	0.0103	1	< 0.00219	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00201	0.0103	1	< 0.00201	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00480	0.0103	1	< 0.00480	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-8-2'
TTI Sample No.: T013646-29

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	95.9	%		10/27/23
Chloride	SM4500-CL	0.260	0.833	10	527	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.195	10.4	1	< 0.195	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.219	10.4	1	< 0.219	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.219	10.4	1	< 0.219	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctane	EPA 8015M				79.9 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				80.8 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00222	0.0103	1	< 0.00222	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00220	0.0103	1	< 0.00220	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00201	0.0103	1	< 0.00201	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00481	0.0103	1	< 0.00481	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-8-3'
TTI Sample No.: T013646-30

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	94.5	%		10/27/23
Chloride	SM4500-CL	0.263	0.840	10	532	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.196	10.5	1	< 0.196	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.220	10.5	1	< 0.220	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.220	10.5	1	< 0.220	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				84.1 %			
Surrogate: 1-Chlorooctane	EPA 8015M				84.1 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00226	0.0105	1	< 0.00226	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00224	0.0105	1	< 0.00224	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00205	0.0105	1	< 0.00205	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00489	0.0105	1	< 0.00489	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-8-4'
TTI Sample No.: T013646-31

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	95.7	%		10/27/23
Chloride	SM4500-CL	0.258	0.825	10	570	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.194	10.4	1	< 0.194	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.218	10.4	1	< 0.218	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.218	10.4	1	< 0.218	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				82.0 %			
Surrogate: 1-Chlorooctane	EPA 8015M				80.9 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00217	0.0101	1	< 0.00217	mg/kg dry	U	10/24/23
Toluene	EPA 8260	0.00215	0.0101	1	< 0.00215	mg/kg dry	U	10/24/23
Ethylbenzene	EPA 8260	0.00197	0.0101	1	< 0.00197	mg/kg dry	U	10/24/23
Xylenes, total	EPA 8260	0.00471	0.0101	1	< 0.00471	mg/kg dry	U	10/24/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-9-1'
TTI Sample No.: T013646-32

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	97.6	%		10/27/23
Chloride	SM4500-CL	0.252	0.808	10	412	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.191	10.2	1	< 0.191	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.215	10.2	1	< 0.215	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.215	10.2	1	< 0.215	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctane	EPA 8015M				87.7 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				85.7 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00220	0.0102	1	< 0.00220	mg/kg dry	U	10/25/23
Toluene	EPA 8260	0.00218	0.0102	1	< 0.00218	mg/kg dry	U	10/25/23
Ethylbenzene	EPA 8260	0.00200	0.0102	1	< 0.00200	mg/kg dry	U	10/25/23
Xylenes, total	EPA 8260	0.00477	0.0102	1	< 0.00477	mg/kg dry	U	10/25/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-9-2'
TTI Sample No.: T013646-33

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.2	%		10/27/23
Chloride	SM4500-CL	0.259	0.829	10	324	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.194	10.4	1	< 0.194	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.218	10.4	1	17.5	mg/kg dry		10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.218	10.4	1	< 0.218	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	17.5	mg/kg dry		10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				81.9 %			
Surrogate: 1-Chlorooctane	EPA 8015M				79.8 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00223	0.0104	1	< 0.00223	mg/kg dry	U	10/25/23
Toluene	EPA 8260	0.00221	0.0104	1	< 0.00221	mg/kg dry	U	10/25/23
Ethylbenzene	EPA 8260	0.00203	0.0104	1	< 0.00203	mg/kg dry	U	10/25/23
Xylenes, total	EPA 8260	0.00484	0.0104	1	< 0.00484	mg/kg dry	U	10/25/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-9-3'
TTI Sample No.: T013646-34

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	95.6	%		10/27/23
Chloride	SM4500-CL	0.259	0.829	10	372	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.196	10.5	1	< 0.196	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.220	10.5	1	< 0.220	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.220	10.5	1	< 0.220	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctane	EPA 8015M				80.7 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				82.9 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00225	0.0105	1	< 0.00225	mg/kg dry	U	10/25/23
Toluene	EPA 8260	0.00223	0.0105	1	< 0.00223	mg/kg dry	U	10/25/23
Ethylbenzene	EPA 8260	0.00204	0.0105	1	< 0.00204	mg/kg dry	U	10/25/23
Xylenes, total	EPA 8260	0.00487	0.0105	1	< 0.00487	mg/kg dry	U	10/25/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-9-4'
TTI Sample No.: T013646-35

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	94.3	%		10/27/23
Chloride	SM4500-CL	0.265	0.847	10	473	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.198	10.6	1	< 0.198	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.222	10.6	1	< 0.222	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.222	10.6	1	< 0.222	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				82.2 %			
Surrogate: 1-Chlorooctane	EPA 8015M				80.0 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00227	0.0105	1	< 0.00227	mg/kg dry	U	10/25/23
Toluene	EPA 8260	0.00225	0.0105	1	< 0.00225	mg/kg dry	U	10/25/23
Ethylbenzene	EPA 8260	0.00206	0.0105	1	< 0.00206	mg/kg dry	U	10/25/23
Xylenes, total	EPA 8260	0.00491	0.0105	1	< 0.00491	mg/kg dry	U	10/25/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-10-1'
TTI Sample No.: T013646-36

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	98.6	%		10/27/23
Chloride	SM4500-CL	0.251	0.803	10	166	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.188	10.0	1	< 0.188	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.211	10.0	1	< 0.211	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.211	10.0	1	< 0.211	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctane	EPA 8015M				81.1 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				83.6 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00216	0.0100	1	< 0.00216	mg/kg dry	U	10/25/23
Toluene	EPA 8260	0.00214	0.0100	1	< 0.00214	mg/kg dry	U	10/25/23
Ethylbenzene	EPA 8260	0.00196	0.0100	1	< 0.00196	mg/kg dry	U	10/25/23
Xylenes, total	EPA 8260	0.00468	0.0100	1	< 0.00468	mg/kg dry	U	10/25/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-10-2'
TTI Sample No.: T013646-37

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.4	%		10/27/23
Chloride	SM4500-CL	0.257	0.822	10	237	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.193	10.3	1	< 0.193	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.217	10.3	1	39.2	mg/kg dry		10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	39.2	mg/kg dry		10/29/23
Surrogate: 1-Chlorooctane	EPA 8015M				80.0 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				82.1 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00220	0.0102	1	< 0.00220	mg/kg dry	U	10/25/23
Toluene	EPA 8260	0.00218	0.0102	1	< 0.00218	mg/kg dry	U	10/25/23
Ethylbenzene	EPA 8260	0.00199	0.0102	1	< 0.00199	mg/kg dry	U	10/25/23
Xylenes, total	EPA 8260	0.00477	0.0102	1	< 0.00477	mg/kg dry	U	10/25/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-10-3'
TTI Sample No.: T013646-38

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.5	%		10/27/23
Chloride	SM4500-CL	0.255	0.817	10	196	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.193	10.3	1	< 0.193	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.216	10.3	1	< 0.216	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.216	10.3	1	< 0.216	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				81.8 %			
Surrogate: 1-Chlorooctane	EPA 8015M				82.8 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00218	0.0101	1	< 0.00218	mg/kg dry	U	10/25/23
Toluene	EPA 8260	0.00216	0.0101	1	< 0.00216	mg/kg dry	U	10/25/23
Ethylbenzene	EPA 8260	0.00198	0.0101	1	< 0.00198	mg/kg dry	U	10/25/23
Xylenes, total	EPA 8260	0.00472	0.0101	1	< 0.00472	mg/kg dry	U	10/25/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-10-4'
TTI Sample No.: T013646-39

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.5	%		10/27/23
Chloride	SM4500-CL	0.257	0.822	10	160	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.194	10.4	1	< 0.194	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.217	10.4	1	< 0.217	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.217	10.4	1	< 0.217	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				83.1 %			
Surrogate: 1-Chlorooctane	EPA 8015M				83.0 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00218	0.0101	1	< 0.00218	mg/kg dry	U	10/25/23
Toluene	EPA 8260	0.00216	0.0101	1	< 0.00216	mg/kg dry	U	10/25/23
Ethylbenzene	EPA 8260	0.00198	0.0101	1	< 0.00198	mg/kg dry	U	10/25/23
Xylenes, total	EPA 8260	0.00472	0.0101	1	< 0.00472	mg/kg dry	U	10/25/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-11-1'
TTI Sample No.: T013646-40

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	97.8	%		10/27/23
Chloride	SM4500-CL	0.253	0.811	10	663	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.191	10.2	1	< 0.191	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.214	10.2	1	< 0.214	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.214	10.2	1	< 0.214	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctane	EPA 8015M				84.8 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				82.2 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00215	0.00998	1	< 0.00215	mg/kg dry	U	10/25/23
Toluene	EPA 8260	0.00213	0.00998	1	< 0.00213	mg/kg dry	U	10/25/23
Ethylbenzene	EPA 8260	0.00195	0.00998	1	< 0.00195	mg/kg dry	U	10/25/23
Xylenes, total	EPA 8260	0.00465	0.00998	1	< 0.00465	mg/kg dry	U	10/25/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-11-2'
TTI Sample No.: T013646-41

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	97.0	%		10/27/23
Chloride	SM4500-CL	0.255	0.816	10	482	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.192	10.3	1	< 0.192	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.216	10.3	1	< 0.216	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.216	10.3	1	< 0.216	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctane	EPA 8015M				74.3 %			
Surrogate: 1-Chlorooctadecane	EPA 8015M				80.9 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00221	0.0103	1	< 0.00221	mg/kg dry	U	10/25/23
Toluene	EPA 8260	0.00219	0.0103	1	< 0.00219	mg/kg dry	U	10/25/23
Ethylbenzene	EPA 8260	0.00201	0.0103	1	< 0.00201	mg/kg dry	U	10/25/23
Xylenes, total	EPA 8260	0.00479	0.0103	1	< 0.00479	mg/kg dry	U	10/25/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-11-3'
TTI Sample No.: T013646-42

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	96.0	%		10/27/23
Chloride	SM4500-CL	0.257	0.823	10	357	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.193	10.3	1	< 0.193	mg/kg dry	U	10/29/23
Diesel Range Organics(DRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/29/23
Motor Oil Organics(MRO)	EPA 8015M	0.217	10.3	1	< 0.217	mg/kg dry	U	10/29/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/29/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				85.5 %			
Surrogate: 1-Chlorooctane	EPA 8015M				86.4 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00224	0.0104	1	< 0.00224	mg/kg dry	U	10/25/23
Toluene	EPA 8260	0.00222	0.0104	1	< 0.00222	mg/kg dry	U	10/25/23
Ethylbenzene	EPA 8260	0.00203	0.0104	1	< 0.00203	mg/kg dry	U	10/25/23
Xylenes, total	EPA 8260	0.00485	0.0104	1	< 0.00485	mg/kg dry	U	10/25/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Sample ID: S-11-4'
TTI Sample No.: T013646-43

Sampled Date: 10/18/2023

CLASSICAL CHEMISTRY PARAMETERS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
% Solids	160.3		0.100	1	95.5	%		10/27/23
Chloride	SM4500-CL	0.259	0.828	10	244	mg/kg dry		10/27/23

TOTAL PETROLEUM HYDROCARBONS

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Gas Range Organics(GRO)	EPA 8015M	0.194	10.4	1	< 0.194	mg/kg dry	U	10/30/23
Diesel Range Organics(DRO)	EPA 8015M	0.217	10.4	1	< 0.217	mg/kg dry	U	10/30/23
Motor Oil Organics(MRO)	EPA 8015M	0.217	10.4	1	< 0.217	mg/kg dry	U	10/30/23
Total TPH	EPA 8015M			1	0.00	mg/kg dry	U	10/30/23
Surrogate: 1-Chlorooctadecane	EPA 8015M				84.2 %			
Surrogate: 1-Chlorooctane	EPA 8015M				83.7 %			

VOLATILES

ANALYTE	METHOD NUMBER	SDL	MQL	DF	SAMPLE RESULTS	UNITS	FLG	ANALYSIS DATE
Benzene	EPA 8260	0.00222	0.0103	1	< 0.00222	mg/kg dry	U	10/25/23
Toluene	EPA 8260	0.00219	0.0103	1	< 0.00219	mg/kg dry	U	10/25/23
Ethylbenzene	EPA 8260	0.00201	0.0103	1	< 0.00201	mg/kg dry	U	10/25/23
Xylenes, total	EPA 8260	0.00480	0.0103	1	< 0.00480	mg/kg dry	U	10/25/23

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

CLASSICAL CHEMISTRY PARAMETERS - Quality Control
TTI ENVIRONMENTAL LABORATORIES

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3102020 - Default Prep GenChem

Duplicate (3102020-DUP1)		Source: T013643-01		Prepared: 10/20/23 Analyzed: 10/27/23							
% Solids	99.8		0.100	%		99.8			0.000787	200	
Duplicate (3102020-DUP2)		Source: T013643-02		Prepared: 10/20/23 Analyzed: 10/27/23							
% Solids	97.2		0.100	%		97.2			0.0501	200	
Duplicate (3102020-DUP3)		Source: T013643-03		Prepared: 10/20/23 Analyzed: 10/27/23							
% Solids	99.4		0.100	%		99.5			0.0991	200	

Batch 3102613 - Default Prep GenChem

Blank (3102613-BLK1)		Prepared: 10/26/23 Analyzed: 10/27/23									
Chloride	< 0.00500	0.00500	0.0160	mg/kg wet							U
Blank (3102613-BLK2)		Prepared: 10/26/23 Analyzed: 10/27/23									
Chloride	< 0.00500	0.00500	0.0160	mg/kg wet							U
LCS (3102613-BS1)		Prepared: 10/26/23 Analyzed: 10/27/23									
Chloride	4.86	0.00500	0.0160	mg/kg wet	5.00	97.2	80-120				
LCS (3102613-BS2)		Prepared: 10/26/23 Analyzed: 10/27/23									
Chloride	4.81	0.00500	0.0160	mg/kg wet	5.00	96.2	80-120				
LCS Dup (3102613-BSD1)		Prepared: 10/26/23 Analyzed: 10/27/23									
Chloride	4.89	0.00500	0.0160	mg/kg wet	5.00	97.8	80-120	0.615	20		
LCS Dup (3102613-BSD2)		Prepared: 10/26/23 Analyzed: 10/27/23									
Chloride	4.91	0.00500	0.0160	mg/kg wet	5.00	98.2	80-120	2.06	20		

Batch 3102614 - Default Prep GenChem

Blank (3102614-BLK1)		Prepared: 10/26/23 Analyzed: 10/27/23									
Chloride	< 0.00500	0.00500	0.0160	mg/kg wet							U
Blank (3102614-BLK2)		Prepared: 10/26/23 Analyzed: 10/27/23									
Chloride	< 0.00500	0.00500	0.0160	mg/kg wet							U
LCS (3102614-BS1)		Prepared: 10/26/23 Analyzed: 10/27/23									
Chloride	4.81	0.00500	0.0160	mg/kg wet	5.00	96.2	80-120				


**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

CLASSICAL CHEMISTRY PARAMETERS - Quality Control
TTI ENVIRONMENTAL LABORATORIES

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3102614 - Default Prep GenChem

LCS (3102614-BS2)

Prepared: 10/26/23 Analyzed: 10/27/23

Chloride	4.83	0.00500	0.0160	mg/kg wet	5.00	96.6	80-120			
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LCS Dup (3102614-BSD1)

Prepared: 10/26/23 Analyzed: 10/27/23

Chloride	4.86	0.00500	0.0160	mg/kg wet	5.00	97.2	80-120	1.03	20	
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LCS Dup (3102614-BSD2)

Prepared: 10/26/23 Analyzed: 10/27/23

Chloride	4.90	0.00500	0.0160	mg/kg wet	5.00	98.0	80-120	1.44	20	
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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

VOLATILES - Quality Control
TTI ENVIRONMENTAL LABORATORIES

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3103019 - EPA 5030B

Blank (3103019-BLK1)			Prepared & Analyzed: 10/24/23								
Benzene	< 0.00215	0.00215	0.0100	mg/kg wet							U
Ethylbenzene	< 0.00195	0.00195	0.0100	"							U
Toluene	< 0.00213	0.00213	0.0100	"							U
Xylenes, total	< 0.00466	0.00466	0.0100	"							U

LCS (3103019-BS1)			Prepared & Analyzed: 10/24/23								
1,1-Dichloroethylene	0.0505	0.00221	0.0100	mg/kg wet	0.0496		102	61-145			
Benzene	0.0504	0.00215	0.0100	"	0.0500		101	39-150			
Chlorobenzene	0.0569	0.00171	0.0100	"	0.0500		114	55-135			
Toluene	0.0519	0.00213	0.0100	"	0.0496		105	46-148			
Trichloroethylene	0.0539	0.00636	0.0100	"	0.0500		108	65-135			
Surrogate: 4-Bromofluorobenzene	0.0541			"	0.0502		108	60-140			
Surrogate: Dibromofluoromethane	0.0557			"	0.0500		111	60-140			
Surrogate: Toluene-d8	0.0517			"	0.0500		103	60-140			

LCS Dup (3103019-BSD1)			Prepared & Analyzed: 10/24/23								
1,1-Dichloroethylene	0.0527	0.00221	0.0100	mg/kg wet	0.0496		106	61-145	4.26	25	
Benzene	0.0545	0.00215	0.0100	"	0.0500		109	39-150	7.93	20	
Chlorobenzene	0.0554	0.00171	0.0100	"	0.0500		111	55-135	2.69	25	
Toluene	0.0526	0.00213	0.0100	"	0.0496		106	46-148	1.30	20	
Trichloroethylene	0.0545	0.00636	0.0100	"	0.0500		109	65-135	1.13	25	
Surrogate: 4-Bromofluorobenzene	0.0541			"	0.0502		108	60-140			
Surrogate: Dibromofluoromethane	0.0503			"	0.0500		101	60-140			
Surrogate: Toluene-d8	0.0501			"	0.0500		100	60-140			

Matrix Spike (3103019-MS1)			Source: T013646-01			Prepared & Analyzed: 10/27/23					
1,1-Dichloroethylene	0.0630	0.00226	0.0102	mg/kg dry	0.0507	<	124	61-145			
Benzene	0.0538	0.00220	0.0102	"	0.0511	<	105	39-150			
Chlorobenzene	0.0606	0.00175	0.0102	"	0.0511	<	119	55-135			
Toluene	0.0536	0.00218	0.0102	"	0.0507	<	106	46-148			
Trichloroethylene	0.0531	0.00650	0.0102	"	0.0511	<	104	65-135			
Surrogate: 4-Bromofluorobenzene	0.0550			"	0.0513		107	60-140			
Surrogate: Dibromofluoromethane	0.0584			"	0.0511		114	60-140			
Surrogate: Toluene-d8	0.0534			"	0.0511		105	60-140			

Matrix Spike Dup (3103019-MSD1)			Source: T013646-01			Prepared & Analyzed: 10/27/23					
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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

VOLATILES - Quality Control
TTI ENVIRONMENTAL LABORATORIES

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3103019 - EPA 5030B

Matrix Spike Dup (3103019-MSD1)			Source: T013646-01		Prepared & Analyzed: 10/27/23						
1,1-Dichloroethylene	0.0646	0.00227	0.0103	mg/kg dry	0.0510	<	127	61-145	2.51	25	
Benzene	0.0561	0.00221	0.0103	"	0.0514	<	109	39-150	4.23	20	
Chlorobenzene	0.0582	0.00176	0.0103	"	0.0514	<	113	55-135	4.10	25	
Toluene	0.0647	0.00219	0.0103	"	0.0510	<	127	46-148	18.9	20	
Trichloroethylene	0.0572	0.00654	0.0103	"	0.0514	<	111	65-135	7.45	25	
Surrogate: 4-Bromofluorobenzene	0.0525			"	0.0516		102	60-140			
Surrogate: Dibromofluoromethane	0.0625			"	0.0514		122	60-140			
Surrogate: Toluene-d8	0.0524			"	0.0514		102	60-140			

Batch 3103021 - EPA 5030B

Blank (3103021-BLK1)			Prepared & Analyzed: 10/25/23								
Benzene	< 0.00215	0.00215	0.0100	mg/kg wet							U
Ethylbenzene	< 0.00195	0.00195	0.0100	"							U
Toluene	< 0.00213	0.00213	0.0100	"							U
Xylenes, total	< 0.00466	0.00466	0.0100	"							U

Blank (3103021-BLK2)			Prepared & Analyzed: 10/26/23								
Benzene	< 0.00215	0.00215	0.0100	mg/kg wet							U
Ethylbenzene	< 0.00195	0.00195	0.0100	"							U
Toluene	< 0.00213	0.00213	0.0100	"							U
Xylenes, total	< 0.00466	0.00466	0.0100	"							U

LCS (3103021-BS1)			Prepared & Analyzed: 10/24/23								
1,1-Dichloroethylene	0.0512	0.00221	0.0100	mg/kg wet	0.0496		103	61-145			
Benzene	0.0536	0.00215	0.0100	"	0.0500		107	39-150			
Chlorobenzene	0.0515	0.00171	0.0100	"	0.0500		103	55-135			
Toluene	0.0515	0.00213	0.0100	"	0.0496		104	46-148			
Trichloroethylene	0.0501	0.00636	0.0100	"	0.0500		100	65-135			
Surrogate: 4-Bromofluorobenzene	0.0538			"	0.0502		107	60-140			
Surrogate: Dibromofluoromethane	0.0566			"	0.0500		113	60-140			
Surrogate: Toluene-d8	0.0530			"	0.0500		106	60-140			

LCS (3103021-BS2)			Prepared & Analyzed: 10/25/23								
1,1-Dichloroethylene	0.0580	0.00221	0.0100	mg/kg wet	0.0496		117	61-145			
Benzene	0.0569	0.00215	0.0100	"	0.0500		114	39-150			


**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

VOLATILES - Quality Control
TTI ENVIRONMENTAL LABORATORIES

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3103021 - EPA 5030B
LCS (3103021-BS2)

Prepared & Analyzed: 10/25/23

Chlorobenzene	0.0554	0.00171	0.0100	mg/kg wet	0.0500		111	55-135		
Toluene	0.0554	0.00213	0.0100	"	0.0496		112	46-148		
Trichloroethylene	0.0534	0.00636	0.0100	"	0.0500		107	65-135		
Surrogate: 4-Bromofluorobenzene	0.0550			"	0.0502		110	60-140		
Surrogate: Dibromofluoromethane	0.0566			"	0.0500		113	60-140		
Surrogate: Toluene-d8	0.0531			"	0.0500		106	60-140		

LCS Dup (3103021-BSD1)

Prepared & Analyzed: 10/24/23

1,1-Dichloroethylene	0.0569	0.00221	0.0100	mg/kg wet	0.0496		115	61-145	10.7	25
Benzene	0.0573	0.00215	0.0100	"	0.0500		115	39-150	6.69	20
Chlorobenzene	0.0528	0.00171	0.0100	"	0.0500		106	55-135	2.36	25
Toluene	0.0522	0.00213	0.0100	"	0.0496		105	46-148	1.35	20
Trichloroethylene	0.0498	0.00636	0.0100	"	0.0500		99.6	65-135	0.541	25
Surrogate: 4-Bromofluorobenzene	0.0565			"	0.0502		113	60-140		
Surrogate: Dibromofluoromethane	0.0588			"	0.0500		118	60-140		
Surrogate: Toluene-d8	0.0522			"	0.0500		104	60-140		

LCS Dup (3103021-BSD2)

Prepared & Analyzed: 10/25/23

1,1-Dichloroethylene	0.0572	0.00221	0.0100	mg/kg wet	0.0496		115	61-145	1.48	25
Benzene	0.0578	0.00215	0.0100	"	0.0500		116	39-150	1.53	20
Chlorobenzene	0.0547	0.00171	0.0100	"	0.0500		109	55-135	1.29	25
Toluene	0.0513	0.00213	0.0100	"	0.0496		103	46-148	7.67	20
Trichloroethylene	0.0524	0.00636	0.0100	"	0.0500		105	65-135	1.95	25
Surrogate: 4-Bromofluorobenzene	0.0544			"	0.0502		108	60-140		
Surrogate: Dibromofluoromethane	0.0582			"	0.0500		116	60-140		
Surrogate: Toluene-d8	0.0523			"	0.0500		105	60-140		

Matrix Spike (3103021-MS1)

Source: T013646-21

Prepared & Analyzed: 10/27/23

1,1-Dichloroethylene	0.0602	0.00227	0.0103	mg/kg dry	0.0509	<	118	61-145		
Benzene	0.0611	0.00221	0.0103	"	0.0513	<	119	39-150		
Chlorobenzene	0.0532	0.00176	0.0103	"	0.0513	<	104	55-135		
Toluene	0.0615	0.00219	0.0103	"	0.0509	<	121	46-148		
Trichloroethylene	0.0508	0.00653	0.0103	"	0.0513	<	99.0	65-135		
Surrogate: 4-Bromofluorobenzene	0.0513			"	0.0515		99.5	60-140		
Surrogate: Dibromofluoromethane	0.0628			"	0.0513		122	60-140		


**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

VOLATILES - Quality Control
TTI ENVIRONMENTAL LABORATORIES

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3103021 - EPA 5030B

Matrix Spike (3103021-MS1)	Source: T013646-21			Prepared & Analyzed: 10/27/23							
Surrogate: Toluene-d8	0.0520			mg/kg dry	0.0513		101	60-140			

Matrix Spike (3103021-MS2)	Source: T013646-41			Prepared & Analyzed: 10/27/23							
1,1-Dichloroethylene	0.0667	0.00226	0.0102	mg/kg dry	0.0506	<	132	61-145			
Benzene	0.0582	0.00219	0.0102	"	0.0510	<	114	39-150			
Chlorobenzene	0.0684	0.00174	0.0102	"	0.0510	<	134	55-135			
Toluene	0.0678	0.00217	0.0102	"	0.0506	<	134	46-148			
Trichloroethylene	0.0561	0.00649	0.0102	"	0.0510	<	110	65-135			
Surrogate: 4-Bromofluorobenzene	0.0532			"	0.0512		104	60-140			
Surrogate: Dibromofluoromethane	0.0635			"	0.0510		124	60-140			
Surrogate: Toluene-d8	0.0525			"	0.0510		103	60-140			

Matrix Spike Dup (3103021-MSD1)	Source: T013646-21			Prepared & Analyzed: 10/27/23							
1,1-Dichloroethylene	0.0599	0.00227	0.0103	mg/kg dry	0.0510	<	117	61-145	0.520	25	
Benzene	0.0702	0.00221	0.0103	"	0.0514	<	136	39-150	13.8	20	
Chlorobenzene	0.0682	0.00176	0.0103	"	0.0514	<	133	55-135	24.6	25	
Toluene	0.0658	0.00219	0.0103	"	0.0510	<	129	46-148	6.90	20	
Trichloroethylene	0.0564	0.00654	0.0103	"	0.0514	<	110	65-135	10.5	25	
Surrogate: 4-Bromofluorobenzene	0.0534			"	0.0516		103	60-140			
Surrogate: Dibromofluoromethane	0.0588			"	0.0514		114	60-140			
Surrogate: Toluene-d8	0.0537			"	0.0514		104	60-140			

Matrix Spike Dup (3103021-MSD2)	Source: T013646-41			Prepared & Analyzed: 10/27/23							
1,1-Dichloroethylene	0.0647	0.00225	0.0102	mg/kg dry	0.0505	<	128	61-145	3.04	25	
Benzene	0.0731	0.00219	0.0102	"	0.0509	<	143	39-150	22.7	20	
Chlorobenzene	0.0678	0.00174	0.0102	"	0.0509	<	133	55-135	0.931	25	
Toluene	0.0689	0.00217	0.0102	"	0.0505	<	136	46-148	1.53	20	
Trichloroethylene	0.0581	0.00648	0.0102	"	0.0509	<	114	65-135	3.46	25	
Surrogate: 4-Bromofluorobenzene	0.0544			"	0.0511		106	60-140			
Surrogate: Dibromofluoromethane	0.0623			"	0.0509		122	60-140			
Surrogate: Toluene-d8	0.0538			"	0.0509		106	60-140			


**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

TOTAL PETROLEUM HYDROCARBONS - Quality Control
TTI ENVIRONMENTAL LABORATORIES

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3102720 - TCEQ Prep/5035

Blank (3102720-BLK1)			Prepared: 10/27/23 Analyzed: 10/29/23								
Diesel Range Organics(DRO)	< 0.210	0.210	10.0	mg/kg wet							U
Gas Range Organics(GRO)	< 0.187	0.187	10.0	"							U
Motor Oil Organics(MRO)	< 0.210	0.210	10.0	"							U
Total TPH	0.00			"							U
Surrogate: 1-Chlorooctadecane	75.3			"	75.0		100	70-130			
Surrogate: 1-Chlorooctane	67.0			"	74.1		90.4	70-130			

LCS (3102720-BS1)			Prepared: 10/27/23 Analyzed: 10/29/23								
Diesel Range Organics(DRO)	877	0.210	10.0	mg/kg wet	1000		87.7	0-200			
Gas Range Organics(GRO)	899	0.187	10.0	"	1000		89.9	0-200			
Surrogate: 1-Chlorooctadecane	61.6			"	75.0		82.1	70-130			
Surrogate: 1-Chlorooctane	67.6			"	74.1		91.2	70-130			

LCS Dup (3102720-BSD1)			Prepared: 10/27/23 Analyzed: 10/29/23								
Diesel Range Organics(DRO)	820	0.210	10.0	mg/kg wet	1000		82.0	0-200	6.78	200	
Gas Range Organics(GRO)	824	0.187	10.0	"	1000		82.4	0-200	8.78	200	
Surrogate: 1-Chlorooctadecane	56.7			"	75.0		75.6	70-130			
Surrogate: 1-Chlorooctane	61.2			"	74.1		82.6	70-130			

Matrix Spike (3102720-MS1)			Source: T013646-01 Prepared: 10/27/23 Analyzed: 10/29/23								
Diesel Range Organics(DRO)	978	0.216	10.3	mg/kg dry	1030	<	95.0	0-200			
Gas Range Organics(GRO)	1030	0.193	10.3	"	1030	<	100	0-200			
Surrogate: 1-Chlorooctadecane	67.3			"	77.2		87.1	70-130			
Surrogate: 1-Chlorooctane	72.7			"	76.3		95.3	70-130			

Matrix Spike Dup (3102720-MSD1)			Source: T013646-01 Prepared: 10/27/23 Analyzed: 10/29/23								
Diesel Range Organics(DRO)	923	0.216	10.3	mg/kg dry	1030	<	89.9	0-200	5.74	200	
Gas Range Organics(GRO)	949	0.192	10.3	"	1030	<	92.4	0-200	8.39	200	
Surrogate: 1-Chlorooctadecane	62.4			"	77.0		81.0	70-130			
Surrogate: 1-Chlorooctane	66.5			"	76.1		87.5	70-130			

Batch 3102722 - TCEQ Prep/5035

Blank (3102722-BLK1)			Prepared: 10/27/23 Analyzed: 10/29/23								
Diesel Range Organics(DRO)	< 0.210	0.210	10.0	mg/kg wet							U
Gas Range Organics(GRO)	< 0.187	0.187	10.0	"							U


**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

TOTAL PETROLEUM HYDROCARBONS - Quality Control
TTI ENVIRONMENTAL LABORATORIES

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3102722 - TCEQ Prep/5035
Blank (3102722-BLK1)

Prepared: 10/27/23 Analyzed: 10/29/23

Motor Oil Organics(MRO)	< 0.210	0.210	10.0	mg/kg wet							U
Total TPH	0.00			"							U
Surrogate: 1-Chlorooctadecane	63.2			"	75.0		84.2	70-130			
Surrogate: 1-Chlorooctane	55.2			"	74.1		74.5	70-130			

Blank (3102722-BLK2)

Prepared: 10/27/23 Analyzed: 10/30/23

Diesel Range Organics(DRO)	< 0.210	0.210	10.0	mg/kg wet							U
Gas Range Organics(GRO)	< 0.187	0.187	10.0	"							U
Motor Oil Organics(MRO)	< 0.210	0.210	10.0	"							U
Total TPH	0.00			"							U
Surrogate: 1-Chlorooctadecane	65.7			"	75.0		87.6	70-130			
Surrogate: 1-Chlorooctane	56.4			"	74.1		76.1	70-130			

LCS (3102722-BS1)

Prepared: 10/27/23 Analyzed: 10/29/23

Diesel Range Organics(DRO)	880	0.210	10.0	mg/kg wet	1000		88.0	0-200			
Gas Range Organics(GRO)	872	0.187	10.0	"	1000		87.2	0-200			
Surrogate: 1-Chlorooctadecane	60.5			"	75.0		80.7	70-130			
Surrogate: 1-Chlorooctane	63.9			"	74.1		86.3	70-130			

LCS (3102722-BS2)

Prepared: 10/27/23 Analyzed: 10/30/23

Diesel Range Organics(DRO)	872	0.210	10.0	mg/kg wet	1000		87.2	0-200			
Gas Range Organics(GRO)	871	0.187	10.0	"	1000		87.1	0-200			
Surrogate: 1-Chlorooctadecane	55.8			"	75.0		74.4	70-130			
Surrogate: 1-Chlorooctane	54.3			"	74.1		73.3	70-130			

LCS Dup (3102722-BSD1)

Prepared: 10/27/23 Analyzed: 10/29/23

Diesel Range Organics(DRO)	913	0.210	10.0	mg/kg wet	1000		91.3	0-200	3.74	200	
Gas Range Organics(GRO)	936	0.187	10.0	"	1000		93.6	0-200	7.04	200	
Surrogate: 1-Chlorooctadecane	62.7			"	75.0		83.6	70-130			
Surrogate: 1-Chlorooctane	68.9			"	74.1		93.0	70-130			

LCS Dup (3102722-BSD2)

Prepared: 10/27/23 Analyzed: 10/30/23

Diesel Range Organics(DRO)	859	0.210	10.0	mg/kg wet	1000		85.9	0-200	1.41	200	
Gas Range Organics(GRO)	866	0.187	10.0	"	1000		86.6	0-200	0.554	200	
Surrogate: 1-Chlorooctadecane	71.1			"	75.0		94.9	70-130			
Surrogate: 1-Chlorooctane	66.1			"	74.1		89.2	70-130			

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**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

TOTAL PETROLEUM HYDROCARBONS - Quality Control
TTI ENVIRONMENTAL LABORATORIES

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3102722 - TCEQ Prep/5035

Matrix Spike (3102722-MS1)		Source: T013646-21			Prepared: 10/27/23		Analyzed: 10/29/23			
Diesel Range Organics(DRO)	849	0.216	10.3	mg/kg dry	1030	<	82.4	0-200		
Gas Range Organics(GRO)	861	0.193	10.3	"	1030	<	83.5	0-200		
Surrogate: 1-Chlorooctadecane	62.4			"	77.3		80.7	70-130		
Surrogate: 1-Chlorooctane	53.5			"	76.4		70.0	70-130		

Matrix Spike (3102722-MS2)		Source: T013646-41			Prepared: 10/27/23		Analyzed: 10/30/23			
Diesel Range Organics(DRO)	1110	0.216	10.3	mg/kg dry	1030	<	108	0-200		
Gas Range Organics(GRO)	1080	0.193	10.3	"	1030	<	105	0-200		
Surrogate: 1-Chlorooctadecane	70.5			"	77.3		91.2	70-130		
Surrogate: 1-Chlorooctane	62.1			"	76.4		81.4	70-130		

Matrix Spike Dup (3102722-MSD1)		Source: T013646-21			Prepared: 10/27/23		Analyzed: 10/29/23			
Diesel Range Organics(DRO)	904	0.217	10.3	mg/kg dry	1030	<	87.5	0-200	6.25	200
Gas Range Organics(GRO)	1040	0.193	10.3	"	1030	<	101	0-200	19.0	200
Surrogate: 1-Chlorooctadecane	83.9			"	77.5		108	70-130		
Surrogate: 1-Chlorooctane	81.6			"	76.5		107	70-130		

Matrix Spike Dup (3102722-MSD2)		Source: T013646-41			Prepared: 10/27/23		Analyzed: 10/30/23			
Diesel Range Organics(DRO)	1090	0.216	10.3	mg/kg dry	1030	<	106	0-200	1.66	200
Gas Range Organics(GRO)	1000	0.193	10.3	"	1030	<	97.2	0-200	7.61	200
Surrogate: 1-Chlorooctadecane	43.8			"	77.3		56.6	70-130		S-04
Surrogate: 1-Chlorooctane	47.1			"	76.4		61.7	70-130		S-04

**TTI ENVIRONMENTAL
LABORATORIES**

Project Name: WDDU 88
Project No: Sep-139-06

TTI Lab No: T013646
Date Received: 10/20/2023
Date Reported: 11/10/2023

Notes and Definitions

U	Analyte included in the analysis, but not detected
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect and/or required sample dilution.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
SDL	Sample Detection Limit
MQL	Method Quantitation Limit
DF	Dilution Factor

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ENVIRONMENTAL
LABORATORIES
CHAIN OF CUSTODY RECORD

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CLIENT NAME Hydro-Con				CLIENT CONTACT Steve Trammell				TEST PARAMETERS TPH (SW 8015M) BTEX (EPA 8260) Chloride (EPA 300)																	
CLIENT ADDRESS 11263 South I35				PHONE (254) 655-4374																					
CITY, STATE, ZIP Lorena TX 76655				FAX																					
P.O. NO.				EMAIL strammell@hcexcavation.com																					
PROJECT NO. SEP-139 -06				PROJECT NAME WDPU 88				SAMPLER'S NAME Steve Trammell																	
Sample Collection								No. / Type Containers ²																	
Date Ex:mm/dd/yy	Time Ex:hh:mm	(C)omp (G)rab	Matrix ¹	Sample Description				VOA	A/G 1 LT.	4 OZ.	P/O	P _{RE} ³	TPH	BTEX	Chloride										
10/16/23	845	G	S	5-1-1'						1		6	✓	✓	✓										
	846	G	S	5-1-2'						1		6	✓	✓	✓										
	847	G	S	5-1-3'						1		6	✓	✓	✓										
	848	G	S	5-1-4'						1		6	✓	✓	✓										
	858	G	S	5-2-1'						1		6	✓	✓	✓										
	859	G	S	5-2-2'						1		6	✓	✓	✓										
	900	G	S	5-2-3'						1		6	✓	✓	✓										
	901	G	S	5-2-4'						1		6	✓	✓	✓										
	903	G	S	5-3-1'						1		6	✓	✓	✓										
10/18/23	904	G	S	5-3-2'						1		6	✓	✓	✓										
TURNAROUND TIME: ☒ STANDARD 5 Business Days ☐ 50% RUSH 3 Business Days ☐ 100% RUSH 1 Business Day / ASAP ☐ E.R. 300% RUSH Same Day / ASAP																1. MATRIX: WW-Wastewater, W-Water; S-Soil; SD-Solid; L-Liquid; A-Airbag; C-Charcoal Tube; SL-Sludge; O-Oil 2. CONTAINERS: VOA-40ml vial; A/G-Amber or Glass 1 Liter; 4 oz-Glass Wide Mouth; P/O-Plastic or Other 3. PRES.: 1-None; 2-1:1HNO ₃ ; 3-1:1 HCL; 4-1:1 H ₂ SO ₄ ; 5-NaOH; 6-Ice; 7-Other 4. HOLD: Lab will hold samples for 30 (thirty) days.									
Relinquished by (Signature) 				Date 10/20/23	Time 8:56	Received By (Signature) 				Date 10.20.23	Time 8:56	REMARKS: ☒ TTI Drop Off ☐ TTI Pickup TEMP GUN #12 Rev #2020006 Client's delivery of samples to TTI constitutes acceptance to reimburse TTI as per the terms and conditions listed in the price schedule.													
Relinquished by (Signature)				Date	Time	Received By (Signature)				Date	Time														
Relinquished by (Signature)				Date	Time	Received By (Signature)				Date	Time														

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ENVIRONMENTAL
LABORATORIES
CHAIN OF CUSTODY RECORD

2045
Telephone: (817) 861-5322
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CLIENT NAME Hydro-Con				CLIENT CONTACT Steve Trammell				TEST PARAMETERS TPH (SW 8015M) BTEX (EPA 8260) Chloride (EPA 300)																			
CLIENT ADDRESS 11263 South I35				PHONE (254) 655-4374																							
CITY, STATE, ZIP Lorena TX 76655				FAX																							
P.O. NO.				EMAIL strammell@hcexcavation.com																							
PROJECT NO. SEP-139-06				PROJECT NAME W DDU 88				SAMPLER'S NAME Steve Trammell																			
Sample Collection								No. / Type Containers ²																			
Date Ex: mm/dd/yy	Time Ex: hh:mm	(C)omp (G)rab	Matrix ¹	Sample Description				VOA	A/G 1 LT.	4 OZ.	P/O	P _{RE} ³	TPH	BTEX	Chloride							DRY WT.	TRIP	HOLD ⁴	TTI Lab ID		
10/18/23	905	G	S	S-3-3'						1		6	✓	✓	✓						✓			7013646-11			
	905	G	S	S-3-4'						1		6	✓	✓	✓						✓			7013646-12			
	907	G	S	S-4-1'						1		6	✓	✓	✓						✓			7013646-13			
	908	G	S	S-4-2'						1		6	✓	✓	✓						✓			7013646-14			
	909	G	S	S-4-3'						1		6	✓	✓	✓						✓			7013646-15			
	910	G	S	S-4-4'						1		6	✓	✓	✓						✓			7013646-16			
	915	G	S	S-5-1'						1		6	✓	✓	✓						✓			7013646-17			
	916	G	S	S-5-2'						1		6	✓	✓	✓						✓			7013646-18			
	917	G	S	S-5-3'						1		6	✓	✓	✓						✓			7013646-19			
	918	G	S	S-5-4'						1		6	✓	✓	✓						✓			7013646-20			
TURNAROUND TIME: ☒ STANDARD 5 Business Days ☐ 50% RUSH 3 Business Days ☐ 100% RUSH 1 Business Day / ASAP ☐ E.R. 300% RUSH Same Day / ASAP																											
Relinquished by (Signature) 				Date 10/20/23	Time 8:56	Received By: (Signature) 				Date 10.20.23	Time 8:56	REMARKS: ☒ TTI Drop Off ☐ TTI Pickup TEMP GUN #12 New # 2020006 Clients delivery of samples to TTI constitutes acceptance to reimburse TTI as per the terms and conditions listed in the price schedule.															
Relinquished by (Signature)				Date	Time	Received By: (Signature)				Date	Time																
Relinquished by (Signature)				Date	Time	Received By: (Signature)				Date	Time																

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ENVIRONMENTAL LABORATORIES

CHAIN OF CUSTODY RECORD

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FAX: (817) 261-1717
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CLIENT NAME Hydro-Con				CLIENT CONTACT Steve Trammell				TEST PARAMETERS												LAB USE LAB NO. 7013646 ON ICE ☒ YES ☐ NO TEMP. OF COOLERS °C 4.5 3 4 5 6 >6 CUSTODY SEAL Cooler ☐ Y ☒ N Samples ☐ Y ☒ N SEAL INTACT Cooler ☐ Y ☐ N Samples ☐ Y ☐ N DRY WT. ☒ TRRP ☐ HOLD ☐							
CLIENT ADDRESS 11263 South I35				PHONE (254) 655-4374																							
CITY, STATE, ZIP Lorena TX 76655				FAX																							
P.O. NO.				EMAIL strammell@hcexcavation.com																							
PROJECT NO. SEP-1309-06				PROJECT NAME W/D/DU 986																				SAMPLER'S NAME Steve Trammell			
Sample Collection				No. / Type Containers ²																TTI Lab ID							
Date Ex: mm/dd/yy	Time Ex: hh:mm	(C)omp (G)rab	Matrix ¹	Sample Description	VOA	A/G 1 LT.	4 OZ.	P/O	P _{RES} ³	TPH (SW 8015M)	BTEX (EPA 8260)	Chloride (EPA 300)															
10/16/23	929	G	S	5-9-4'			1		6	✓	✓	✓											7013646-31				
	929	G	S	5-9-1'			1		6	✓	✓	✓											7013646-32				
	929	G	S	5-9-2'			1		6	✓	✓	✓											7013646-33				
	930	G	S	5-9-3'			1		6	✓	✓	✓											7013646-34				
	930	G	S	5-9-4'			1		6	✓	✓	✓											7013646-35				
	933	G	S	5-10-1'			1		6	✓	✓	✓											7013646-36				
	934	G	S	5-10-2'			1		6	✓	✓	✓											7013646-37				
	934	G	S	5-10-3'			1		6	✓	✓	✓											7013646-38				
	935	G	S	5-10-4'			1		6	✓	✓	✓											7013646-39				
	944	G	S	5-11-1'			1		6	✓	✓	✓											7013646-40				
TURNAROUND TIME: ☒ STANDARD 5 Business Days ☐ 50% RUSH 3 Business Days ☐ 100% RUSH 1 Business Day / ASAP ☐ E.R. 300% RUSH Same Day / ASAP														1. MATRIX: WW-Wastewater; W-Water; S-Soil; SD-Solid; L-Liquid; A-Airbag; C-Charcoal Tube; SL-Sludge; O-Other 2. CONTAINERS: VOA-40ml vial; A/G-Amber or Glass 1 Liter; 4 oz-Glass Wide Mouth; P/O-Plastic or Other 3. PRES.: 1-None; 2-1:1HNO ₃ ; 3-1:1 HCL; 4-1:1 H ₂ SO ₄ ; 5-NaOH; 6-Ice; 7-Other 4. HOLD: Lab will hold samples for 30 (thirty) days.													
Relinquished by (Signature) <i>[Signature]</i>				Date 10/20/23	Time 8:54	Received By: (Signature) <i>[Signature]</i>				Date 10.20.23	Time 8:28	REMARKS: ☒ TTI Drop Off ☐ TTI Pickup															
Relinquished by (Signature)				Date	Time	Received By: (Signature)				Date	Time																
Relinquished by (Signature)				Date	Time	Received By: (Signature)				Date	Time																

TEMP GUN #12
ECO # 20200066
Client's delivery of samples to TTI constitutes acceptance to reimburse TTI as per the terms and conditions listed in the price schedule.

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Received by OCP: 6/12/2024 7:30:43 PM
Released to Imaging: 6/13/2024 9:38:02 AM

00 106th Street
Arlington, Texas 76011



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CHAIN OF CUSTODY RECORD

SoFS
Telephone: (817) 861-5322
FAX: (817) 261-1717
www.ttilabs.com

CLIENT NAME Hydro-Con				CLIENT CONTACT Steve Trammell				TEST PARAMETERS TPH (SW 8015M) BTX (EPA 8260) Chloride (EPA 300)																			
CLIENT ADDRESS 11263 South I35				PHONE (254) 655-4374																							
CITY, STATE, ZIP Lorena TX 76655				FAX																							
P.O. NO.				EMAIL strammell@hcexcavation.com																							
PROJECT NO. SEP-139-06				PROJECT NAME WDDU 98				SAMPLER'S NAME Steve Trammell																			
Sample Collection								No. / Type Containers ²																			
Date Ex: mm/dd/yy	Time Ex: hh:mm	(C)omp (G)rab	Matrix ¹	Sample Description				VOA	A/G 1 LT.	4 OZ.	P/O	P _R ³ ES	TPH	BTX	Chloride							DRY WT.	TRRP	HOLD ⁴	TTI Lab ID		
10/19/23	944	G	S	5-11-2'						1		6	✓	✓	✓							✓			7013646-41		
L	945	G	S	5-11-3'						1		6	✓	✓	✓							✓			7013646-42		
L	946	G	S	5-11-4'						1		6	✓	✓	✓							✓			7013646-43		
		G	S							1		6	✓	✓	✓												
		G	S							1		6	✓	✓	✓												
		G	S							1		6	✓	✓	✓												
		G	S							1		6	✓	✓	✓												
		G	S							1		6	✓	✓	✓												
		G	S							1		6	✓	✓	✓												
		G	S							1		6	✓	✓	✓												
		G	S							1		6	✓	✓	✓												
URNAROUND TIME: ☒ STANDARD 5 Business Days ☐ 50% RUSH 3 Business Days ☐ 100% RUSH 1 Business Day / ASAP ☐ E.R. 300% RUSH Same Day / ASAP																											
Relinquished by (Signature) <i>[Signature]</i>				Date 10/20/23	Time 4:54	Received By: (Signature) <i>[Signature]</i>				Date 10.20.23	Time 8:56	REMARKS: ☒ TTI Drop Off ☐ TTI Pickup TEMP RUN #12 New #70200016 Clients delivery of samples to TTI constitutes acceptance to reimburse TTI as per the terms and conditions listed in the price schedule.															
Relinquished by (Signature)				Date	Time	Received By: (Signature)				Date	Time																
Relinquished by (Signature)				Date	Time	Received By: (Signature)				Date	Time																

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Santa Fe, NM 87505

QUESTIONS

Action 353653

QUESTIONS

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 353653
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nPAC0616632139
Incident Name	NPAC0616632139 WDDU #88 @ 30-025-12387
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-025-12387] WEST DOLLARHIDE DRINKARD UNIT #088

Location of Release Source	
Please answer all the questions in this group.	
Site Name	WDDU #88
Date Release Discovered	05/24/2006
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Corrosion Flow Line - Production Crude Oil Released: 4 BBL Recovered: 0 BBL Lost: 4 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 96 BBL Recovered: 0 BBL Lost: 96 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 353653

QUESTIONS (continued)

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID:	330949
	Action Number:	353653
	Action Type:	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Spencer Jackson Title: Senior Remediation Specialist Email: spencer.jackson@scoutep.com Date: 06/12/2024
--	---

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QUESTIONS, Page 3

Action 353653

QUESTIONS (continued)

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID:
	330949
	Action Number:
	353653
Action Type:	
[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Estimate or Other
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	1210
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	82.8
GRO+DRO	(EPA SW-846 Method 8015M)	82.8
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	08/05/2024
On what date will (or did) the final sampling or liner inspection occur	08/09/2024
On what date will (or was) the remediation complete(d)	08/09/2024
What is the estimated surface area (in square feet) that will be reclaimed	1184
What is the estimated volume (in cubic yards) that will be reclaimed	44
What is the estimated surface area (in square feet) that will be remediated	1184
What is the estimated volume (in cubic yards) that will be remediated	89

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 353653

QUESTIONS (continued)

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID:	330949
	Action Number:	353653
	Action Type:	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Spencer Jackson Title: Senior Remediation Specialist Email: spencer.jackson@scoutep.com Date: 06/12/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 353653

QUESTIONS (continued)

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 353653
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 353653

QUESTIONS (continued)

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 353653
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 353653

CONDITIONS

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 353653
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation plan approved.	6/13/2024
amaxwell	BLM map indicates location is located in low karst potential. Please update future C-141 filings and reports with current karst potential.	6/13/2024
amaxwell	Submit C-141N notifications for each day confirmation sampling is to occur.	6/13/2024
amaxwell	Submit report via the OCD permitting portal by September 13, 2024.	6/13/2024