



CHEMTECH-FORD
LABORATORIES

1/25/2017

Work Order: 17A0596
Project: Tibble Fork, NUCWCD

Environmental Contractors, Inc

Attn: Alan Jenkins

931 East 800 North

Mapleton, UT 84664

Client Service Contact: 801.262.7299

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Mark Broadhead, Project Manager

Certificate of Analysis

Environmental Contractors, Inc
Alan Jenkins
931 East 800 North
Mapleton, UT 84664

PO#:
Receipt: 1/19/17 12:24 @ 14.6 °C
Date Reported: 1/25/2017
Project Name: Tibble Fork, NUCWCD

Sample ID: AF-1A

Matrix: Solid

Lab ID: 17A0596-01

Date Sampled: 1/18/17 9:35

Sampled By: Client

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Minimum Reporting Limit</u>	<u>Method</u>	<u>Preparation Date/Time</u>	<u>Analysis Date/Time</u>	<u>Flag(s)</u>
Inorganic							
Total Solids	56.2	%	0.1	SM 2540G	1/24/17	1/24/17	
Metals							
Lead, Total	616	mg/kg dry	4.19	EPA 6010B/3050B	1/24/17	1/24/17	
TCLP Metals							
Lead, TCLP	0.29	mg/L	0.20	EPA 6010B/1311/3010A	1/23/17	1/24/17	



Chemtech-Ford Laboratories
Serving the Intermountain West Since 1953

9632 South 500 West
Sandy, UT 84070
O:(801) 262-7299 F: (866) 792-0093
www.ChemtechFord.com



Certificate of Analysis

Environmental Contractors, Inc
Alan Jenkins
931 East 800 North
Mapleton, UT 84664

PO#:
Receipt: 1/19/17 12:24 @ 14.6 °C
Date Reported: 1/25/2017
Project Name: Tibble Fork, NUCWCD

Sample ID: H-1A

Matrix: Solid

Date Sampled: 1/18/17 10:05

Sampled By: Client

Lab ID: 17A0596

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Minimum Reporting Limit</u>	<u>Method</u>	<u>Preparation Date/Time</u>	<u>Analysis Date/Time</u>	<u>Flag(s)</u>
Inorganic							
Total Solids	65.4	%	0.1	SM 2540G	1/24/17	1/24/17	
Metals							
Lead, Total	475	mg/kg dry	4.35	EPA 6010B/3050B	1/24/17	1/24/17	
TCLP Metals							
Lead, TCLP	0.06	mg/L	0.20	EPA 6010B/1311/3010A	1/23/17	1/24/17	J

Certificate of Analysis

Environmental Contractors, Inc
Alan Jenkins
931 East 800 North
Mapleton, UT 84664

PO#: _____
Receipt: 1/19/17 12:24 @ 14.6 °C
Date Reported: 1/25/2017
Project Name: **Tibble Fork, NUCWCD**

Sample ID: **H-2A**

Matrix: **Solid**

Date Sampled: 1/18/17 10:20

Sampled By: **Client**

Lab ID: **17A0596-04**

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Minimum Reporting Limit</u>	<u>Method</u>	<u>Preparation Date/Time</u>	<u>Analysis Date/Time</u>	<u>Flag(s)</u>
Inorganic							
Total Solids	61.9	%	0.1	SM 2540G	1/24/17	1/24/17	
Metals							
Lead, Total	316	mg/kg dry	3.97	EPA 6010B/3050B	1/24/17	1/24/17	
TCLP Metals							
Lead, TCLP	ND	mg/L	0.20	EPA 6010B/1311/3010A	1/23/17	1/24/17	

Certificate of Analysis

Environmental Contractors, Inc
Alan Jenkins
931 East 800 North
Mapleton, UT 84664

PO#:
Receipt: 1/19/17 12:24 @ 14.6 °C
Date Reported: 1/25/2017
Project Name: Tibble Fork, NUCWCD

Report Footnotes

Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit (MRL).
1 mg/L = one milligram per liter or 1 mg/kg = one milligram per kilogram = 1 part per million.
1 ug/L = one microgram per liter or 1 ug/kg = one microgram per kilogram = 1 part per billion.
1 ng/L = one nanogram per liter or 1 ng/kg = one nanogram per kilogram = 1 part per trillion.

Flag Descriptions

J = Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLPJ-Flag).



Chemtech-Ford Laboratories
Serving the Intermountain West Since 1953

9632 South 500 West
Sandy, UT 84070
O:(801) 262-7299 F: (866) 792-0093
www.ChemtechFord.com



Certificate of Analysis

Environmental Contractors, Inc
Alan Jenkins
931 East 800 North
Mapleton, UT 84664

PO#:
Receipt: 1/19/17 12:24 @ 14.6 °C
Date Reported: 1/25/2017
Project Name: Tibble Fork, NUCWCD

Sample ID: AF-1A

Matrix: Solid

Date Sampled: 1/18/17 9:35

Sampled By: Client

Lab ID: 17A0596-0

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Minimum Reporting Limit</u>	<u>Method</u>	<u>Preparation Date/Time</u>	<u>Analysis Date/Time</u>	<u>Flag(s)</u>
Inorganic							
Total Solids	56.2	%	0.1	SM 2540G	1/24/17	1/24/17	
Metals							
Lead, Total	616	mg/kg dry	4.19	EPA 6010B/3050B	1/24/17	1/24/17	
TCLP Metals							
Lead, TCLP	0.29	mg/L	0.20	EPA 6010B/1311/3010A	1/23/17	1/24/17	

Certificate of Analysis

Environmental Contractors, Inc
Alan Jenkins
931 East 800 North
Mapleton, UT 84664

PO#: _____
Receipt: 1/19/17 12:24 @ 14.6 °C
Date Reported: 1/25/2017
Project Name: Tibble Fork, NUCWCD

Sample ID: **AF-2A**

Matrix: **Solid**

Date Sampled: 1/18/17 9:49

Sampled By: **Client**

Lab ID: **17A0596-02**

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Minimum Reporting Limit</u>	<u>Method</u>	<u>Preparation Date/Time</u>	<u>Analysis Date/Time</u>	<u>Flag(s)</u>
Inorganic							
Total Solids	56.2	%	0.1	SM 2540G	1/24/17	1/24/17	
Metals							
Lead, Total	411	mg/kg dry	4.01	EPA 6010B/3050B	1/24/17	1/24/17	
TCLP Metals							
Lead, TCLP	0.57	mg/L	0.20	EPA 6010B/1311/3010A	1/23/17	1/24/17	

Certificate of Analysis

Environmental Contractors, Inc
Alan Jenkins
931 East 800 North
Mapleton, UT 84664

PO#:
Receipt: 1/19/17 12:24 @ 14.6 °C
Date Reported: 1/25/2017
Project Name: Tibble Fork, NUCWCD

Sample ID: H-1A

Matrix: Solid

Lab ID: 17A0596-03

Date Sampled: 1/18/17 10:05

Sampled By: Client

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Minimum Reporting Limit</u>	<u>Method</u>	<u>Preparation Date/Time</u>	<u>Analysis Date/Time</u>	<u>Flag(s)</u>
Inorganic							
Total Solids	65.4	%	0.1	SM 2540G	1/24/17	1/24/17	
Metals							
Lead, Total	475	mg/kg dry	4.35	EPA 6010B/3050B	1/24/17	1/24/17	
TCLP Metals							
Lead, TCLP	0.06	mg/L	0.20	EPA 6010B/1311/3010A	1/23/17	1/24/17	J

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Environmental Contractors Inc
 ADDRESS: 931 E 800 N
 CITY/STATE/ZIP: Madison UT 84604
 PHONE #: _____ FAX: _____
 CONTACT: Alan Jenkins PROJECT: Tribble Park, NUWARD
 EMAIL: alan@eci-solutions.com

BILLING ADDRESS: _____
 BILLING CITY/STATE/ZIP: _____
 PURCHASE ORDER #: _____



TURNAROUND REQUIRED: * 4 day
* Expedited turnaround subject to additional charge

Lab Use Only	CLIENT SAMPLE INFORMATION				
	LOCATION / IDENTIFICATION	DATE	TIME	MATRIX	Field: Residual Chlorine
<u>A0596</u>					
<u>01</u>	<u>1. AF-1A</u>	<u>1-18-2017</u>	<u>9:35</u>		
	<u>2. AF-1A</u>		<u>"</u>		
<u>02</u>	<u>3. AF-2A</u>		<u>9:49</u>		
	<u>4. AF-2A</u>		<u>"</u>		
<u>03</u>	<u>5. H-1A</u>		<u>10:05</u>		
	<u>6. H-1A</u>		<u>"</u>		
<u>04</u>	<u>7. H-2A</u>		<u>10:20</u>		
	<u>8. H-2A</u>		<u>"</u>		

TESTS REQUESTED										Bacteria																		
<div style="border: 2px solid orange; padding: 10px; display: inline-block;"> <p style="color: red; font-weight: bold; font-size: 1.2em;">4 DAY 1/25/17</p> <p style="font-size: 2em; font-weight: bold; color: black;">RUSH</p> <p style="color: red; font-weight: bold;">WEDNESDAY</p> <p style="font-size: 0.8em;">S-8194, ULINE, 800-295-5510</p> </div>																												

ON ICE
 NOT ON ICE
 Temp (C°): 14.6

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time
<u>[Signature]</u>	<u>1-19-2017 12:24</u>	<u>[Signature]</u>	<u>1-19-17 12:24</u>
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time

CHEMTECH-FORD
 9632 South 500 West
 Sandy, UT 84070

801.262.7299 PHONE
 866.792.0093 FAX
 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.



Chemtech-Ford Laboratories

Serving the Intermountain West Since 1953

9632 South 500 West
Sandy, UT 84070
O:(801) 262-7299 F: (866) 792-0093
www.ChemtechFord.com



Certificate of Analysis

Environmental Contractors, Inc
Alan Jenkins
931 East 800 North
Mapleton, UT 84664

PO#:
Receipt: 1/19/17 12:24 @ 14.6 °C
Date Reported: 1/25/2017
Project Name: Tibble Fork, NUCWCD

Report Footnotes

Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit (MRL).
1 mg/L = one milligram per liter or 1 mg/kg = one milligram per kilogram = 1 part per million.
1 ug/L = one microgram per liter or 1 ug/kg = one microgram per kilogram = 1 part per billion.
1 ng/L = one nanogram per liter or 1 ng/kg = one nanogram per kilogram = 1 part per trillion.

Flag Descriptions

J = Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).