CHEMTECH-FORD
LABORATORIES

9/9/2019

Work Order: 19H2167
Project: Lead & Copper Sampling

Leeds Domestic Water Association

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.

NELAP ACCREDITED TNI LABORATORY

Approved By:

Dave Gayer, Laboratory Director

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 19H2167-01

Name:	**Leeds Domestic Water Association**	***Sample Date:***	8/27/2019 12:00 PM
Sample Site:	**CONFIDENTIAL**	***Receipt Date:***	8/29/2019 10:25 AM
Comments:		***Sampler:***	Daryl Lewis
Sample Matrix:	Drinking Water	***Project:***	Lead & Copper Sampling
PO Number:		***System No.:***	UTAH27010
Source Code:	DS001	***Sample Point:*** DS001	***Report to State:*** Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total	0.122	1.3	0.0010	mg/L	EPA 200.8	08/30/2019	08/30/2019	
Lead, Total	0.0052	0.015	0.0005	mg/L	EPA 200.8	08/30/2019	08/30/2019	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 19H2167-02

Name:	**Leeds Domestic Water Association**	***Sample Date:***	8/28/2019 10:06 AM
Sample Site:	**CONFIDENTIAL**	***Receipt Date:***	8/29/2019 10:25 AM
Comments:		***Sampler:***	Daryl Lewis
Sample Matrix:	Drinking Water	***Project:***	Lead & Copper Sampling
PO Number:		***System No.:***	UTAH27010
Source Code:	DS001	***Sample Point:*** DS001	***Report to State:*** Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total	0.0193	1.3	0.0010	mg/L	EPA 200.8	08/30/2019	08/30/2019	
Lead, Total	0.0008	0.015	0.0005	mg/L	EPA 200.8	08/30/2019	08/30/2019	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 19H2167-03

Name:	**Leeds Domestic Water Association**	***Sample Date:***	8/27/2019 7:00 AM
Sample Site:	**CONFIDENTIAL**	***Receipt Date:***	8/29/2019 10:25 AM
Comments:		***Sampler:***	Daryl Lewis
Sample Matrix:	Drinking Water	***Project:***	Lead & Copper Sampling
PO Number:		***System No.:***	UTAH27010
Source Code:	DS001	***Sample Point:*** DS001	***Report to State:*** Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total	0.231	1.3	0.0010	mg/L	EPA 200.8	08/30/2019	08/30/2019	
Lead, Total	0.0010	0.015	0.0005	mg/L	EPA 200.8	08/30/2019	08/30/2019	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 19H2167-04

Name:	**Leeds Domestic Water Association**	***Sample Date:***	8/27/2019 4:30 AM
Sample Site:	**CONFIDENTIAL**	***Receipt Date:***	8/29/2019 10:25 AM
Comments:		***Sampler:***	Daryl Lewis
Sample Matrix:	Drinking Water	***Project:***	Lead & Copper Sampling
PO Number:		***System No.:***	UTAH27010
Source Code:	DS001	***Sample Point:*** DS001	***Report to State:*** Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total	0.0419	1.3	0.0010	mg/L	EPA 200.8	08/30/2019	08/30/2019	
Lead, Total	0.0011	0.015	0.0005	mg/L	EPA 200.8	08/30/2019	08/30/2019	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 19H2167-05

Name:	**Leeds Domestic Water Association**	***Sample Date:***	8/27/2019 12:45 AM
Sample Site:	**CONFIDENTIAL**	***Receipt Date:***	8/29/2019 10:25 AM
Comments:		***Sampler:***	Daryl Lewis
Sample Matrix:	Drinking Water	***Project:***	Lead & Copper Sampling
PO Number:		***System No.:***	UTAH27010
Source Code:	DS001	***Sample Point:*** DS001	***Report to State:*** Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total	0.0291	1.3	0.0010	mg/L	EPA 200.8	08/30/2019	08/30/2019	
Lead, Total	0.0010	0.015	0.0005	mg/L	EPA 200.8	08/30/2019	08/30/2019	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 19H2167-06

Name:	**Leeds Domestic Water Association**	***Sample Date:***	8/26/2019 6:08 PM
Sample Site:	**CONFIDENTIAL**	***Receipt Date:***	8/29/2019 10:25 AM
Comments:		***Sampler:***	Daryl Lewis
Sample Matrix:	Drinking Water	***Project:***	Lead & Copper Sampling
PO Number:		***System No.:***	UTAH27010
Source Code:	DS001	***Sample Point:*** DS001	***Report to State:*** Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total	0.0784	1.3	0.0010	mg/L	EPA 200.8	08/30/2019	08/30/2019	
Lead, Total	0.0012	0.015	0.0005	mg/L	EPA 200.8	08/30/2019	08/30/2019	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 19H2167-07

Name:	**Leeds Domestic Water Association**	***Sample Date:***	8/26/2019 9:40 PM
Sample Site:	CONFIDENTIAL	***Receipt Date:***	8/29/2019 10:25 AM
Comments:		***Sampler:***	Daryl Lewis
Sample Matrix:	Drinking Water	***Project:***	Lead & Copper Sampling
PO Number:		***System No.:***	UTAH27010
Source Code:	DS001	***Sample Point:*** DS001	***Report to State:*** Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total	0.0376	1.3	0.0010	mg/L	EPA 200.8	08/30/2019	08/30/2019	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	08/30/2019	08/30/2019	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 19H2167-08

Name:	**Leeds Domestic Water Association**	***Sample Date:***	8/27/2019 9:30 AM
Sample Site:	**CONFIDENTIAL**	***Receipt Date:***	8/29/2019 10:25 AM
Comments:		***Sampler:***	Daryl Lewis
Sample Matrix:	Drinking Water	***Project:***	Lead & Copper Sampling
PO Number:		***System No.:***	UTAH27010
Source Code:	DS001	***Sample Point:*** DS001	***Report to State:*** Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total	0.0579	1.3	0.0010	mg/L	EPA 200.8	08/30/2019	08/30/2019	
Lead, Total	0.0076	0.015	0.0005	mg/L	EPA 200.8	08/30/2019	08/30/2019	

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 19H2167-09

Name:	**Leeds Domestic Water Association**	***Sample Date:***	8/27/2019 8:06 AM
Sample Site:	**CONFIDENTIAL**	***Receipt Date:***	8/29/2019 10:25 AM
Comments:		***Sampler:***	Daryl Lewis
Sample Matrix:	Drinking Water	***Project:***	Lead & Copper Sampling
PO Number:		***System No.:***	UTAH27010
Source Code:	DS001	***Sample Point:*** DS001	***Report to State:*** Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total	0.0779	1.3	0.0010	mg/L	EPA 200.8	08/30/2019	08/30/2019	
Lead, Total	0.0016	0.015	0.0005	mg/L	EPA 200.8	08/30/2019	08/30/2019	

Report Footnotes

Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.
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.

Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.
Values reported in **BLUE** exceed Secondary Drinking Water standards.
BLANK values in the MCL column indicate no standard.

DRINKING WATER SAMPLES ONLY

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Leeds Domestic
ADDRESS:
CITY/STATE/ZIP:
PHONE #: FAX:
CONTACT: PROJECT:
EMAIL:

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

CHEMTECH-FORD LABORATORIES

TURNAROUND TIME REQUIRED*:
* Expedited turnaround subject to additional charge

State System Number	Send to State
27010	[X] Yes [ ] No

TESTS REQUESTED

Bacteria
R = Routine
I = Investigative
TR = Trigger Source
RP = Repeat

REPEAT
OR = Original Location
UP = Upstream
DN = Downstream

Lab Use Only	CLIENT SAMPLE INFORMATION						Lead & Copper	Total Coliform + E. coli (Present/Absent)	Total Coliform + E. coli (Enumerated)	HPC (Plate Count)	REPEAT	LAB FAIL Ref #
H2167	LOCATION	DATE	TIME	FACILITY ID (source code)	POINT CODE (DBP)	Field: Residual Chlorine						
-01	1. [redacted]	8/27/19	12:00				X					
-02	2. [redacted]	8/28/19	10:06									
-03	3. [redacted]	8/27/19	7:00									
-04	4. [redacted]	8/27/19	4:30									
-05	5. [redacted]	8/27/19	00:45									
-06	6. [redacted]	8/26/19	18:08									
-07	7. [redacted]	8/26/19	21:40									
-08	8. [redacted]	8/27/19	9:30									
~~-08~~ -09	9. [redacted]	8/27/19	8:06									
~~-10~~	10. [redacted]	8/27/19	9:40	Sample lost water. Hm								

Sampled by: [print] Daryl Lewis
Sampled by: [signature]

ON ICE NOT ON ICE Temp (C°): 19.8

Special Instructions:

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

Relinquished by: [signature]	Date/Time	Received by: [signature] Annette Mills	Date/Time 8/29/19 10:25
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.

USPS 9114 9999 4421 3561 2573 78

DRINKING WATER SAMPLES ONLY

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Leeds Domestic Water Association
ADDRESS: P.O. Box 460627
CITY/STATE/ZIP: Leeds, UT 84746
PHONE #: 435-313-0454 FAX:
CONTACT: J.D. Adams PROJECT: Lead & Copper Sampling
EMAIL: ldwacorp@infowest.com

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

CHEMTECH-FORD LABORATORIES

TURNAROUND TIME REQUIRED*:
* Expedited turnaround subject to additional charge

State System Number	Send to State
7010	X Yes No

Please fill in all blue highlighted areas. Thank you!

Lab Use Only

CLIENT SAMPLE INFORMATION

	LOCATION	DATE	TIME	FACILITY ID (source code)	POINT CODE (DBP)	Field: Residual Chlorine	Lead & Copper	Total Coliform + E. coli (Present/Absent)	Total Coliform + E. coli (Enumerated)	HPC (Plate Count)	REPEAT
1.	[redacted]	8/27/19	12 noon	DS001			X				
2.	[redacted]	8/28/19	10:00 Am	DS001			X				
3.	[redacted]	8/27/19	7:00 AM	DS001			X				
4.	[redacted]	8/27/19	9:40 AM	DS001			X				
5.	[redacted]	8/27/19	4:20 PM	DS001			X				
6.	[redacted]	8/27/19	10:45 AM	DS001			X				
7.	[redacted]	8/26/19	6:05 PM	DS001			X				
8.	[redacted]	8/26/19	9:40 PM	DS001			X				
9.	[redacted]	8/27/19	9:30 AM	DS001			X				
10.	[redacted]	8/27/19	9:00 AM	DS001			X				

Sampled by: [signature]

Special Instructions:

ON ICE NOT ON ICE Temp (C°):

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
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time

Bacteria
R = Routine
I = Investigative
TR = Trigger Source
RP = Repeat

REPEAT
OR = Original Location
UP = Upstream
DN = Downstream

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9632 South 500 West
Sandy, UT 84070

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Client agrees to pay collection costs and attorney's fees.

Work Order # H2167

CHEMTECH FORD LABORATORIES

Sample Receipt

CHEMTECH-FORD LABORATORIES

Delivery Method:

☐ UPS ☒ USPS

☐ FedEx ☐ Chemtech Courier

☐ Walk-in ☐ Customer Courier

Receiving Temperature 22.0 °C

Sample #	Container	Chemtech Lot # or Preservative	Number of Subsamples	Preserved by Client/Third Party	Preserved in Receiving/Laboratory	Filtered in Field by Client	Misc Volume (oz/mL)	Comments
01-09	MQ				X			
10	AQ							Sample came with lid off. Sample Lost.

Sample Condition
(check if *yes*)

- ☐ Custody Seals
- ☑ Containers Intact
- ☑ COC/Labels Agree
- ☑ Preservation Confirmed
- ☑ ~~Received on Ice~~ AM
- ☑ Correct Containers(s)
- ☑ Sufficent Sample Volume
- ☐ Headspace Present (VOC)
- ☐ Temperature Blank
- ☑ Received within Holding Time

Plastic Containers

A- Plastic Unpreserved
B- Miscellaneous Plastic
C- Cyanide Qt (NaOH)
E- Coliform/Ecoli/HPC
F- Sulfide Qt (Zn Acetate)
L- Mercury 1631
M- Metals Pint (HNO3)
N- Nutrient Pint (H2SO4)
R- Radiological (HNO3)
S- Sludge Cups/Tubs
Q- Plastic Bag

Glass Containers

D- 625 (Na2S2O3)
G- Glass Unpreserved
H- HAAs (NH4Cl)
J- 508/515/525 (Na2SO3)
K- 515.3 Herbicides
O- Oil & Grease (HCl)
P- Phenols (H2SO4)
T- TOC/TOX (H3PO4)
U- 531 (MCAA, Na2S2O3)
V- 524/THMs (Ascorbic Acid)
W- 8260 VOC (1:1 HCl)
X- Vial Unpreserved
Y- 624/504 (Na2S2O3)
Z- Miscellaneous Glass