

10/1/2020

Work Order: 2011581 Project: [none]

Skyline Mountain Special Services District Attn: Roy Fox 2201 SMR Fairview, UT 84629

Client Service Contact: 801.229.2282

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:

Joyce Applegate, Project Manager

xeApplegate





Lab Sample No.: 20I1581-01

Name: Skyline Mountain Special Services District

Sample Date: 9/24/2020 11:30 AM

Sample Site: Lot C-49

Receipt Date: 9/24/2020 1:29 PM

Comments:

Sampler: Jeremy Fox

Sample Matrix: Drinking Water

Project:

PO Number:

System No.: UTAH20043

Source Code: DS001

Sample Point: DS001

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.0354 0.0012	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	09/30/2020 09/30/2020	09/30/2020 09/30/2020	

The JMJSD	Water System, I.D. UT 20043, is
providing you with the lead and copper test results	s on the water sample collected at your location
Please share this notice with everyone who uses of	r drinks the water.
The results at: LOT C-49 are: lead	Taken on: 9 124/2020
mg/L and copper .0	<u>837</u> mg/L.
which there are no known or expected risks to hea	that, if exceeded, triggers treatment requirements or
 The MCLG and action level for copper is 	ū .
The water system's compliance with the Lead and results collected from sites in our sampling pool.	Copper Rule (LCR) is calculated by using sample Your location's lead or copper results may be at the overall water system and does not reflect our
For more information, please contact:	m Jeven, Fox
at 80/361-6227 2201 SWI	2 (owner or operator)
(phone number)	(address)
This notice is sent to you by 5M 55D	Water System on 3 /10 / 2021
How Lead Gets Into Water	

Lead in drinking water most often comes from water distribution lines or household plumbing rather than from the water system source. Plumbing sources can include lead pipes, lead solder, faucets, valves, and other components made of brass. Lead from other sources (such as lead-based paint and contaminated dust or soil) can increase a person's overall exposure, which adds to the effects of lead in water.

Potential Health Effects of Lead

The greatest risk of lead exposure is to infants, young children, and pregnant women. Lead can cause serious health problems if too much enters the body. Lead is stored in the bones and can be released later in life. Lead can cause damage to the brain and kidneys, interfere with production of red blood cells that carry oxygen, and may result in lowered IQ in children. During pregnancy, the child receives lead from the mother's bones, which may affect brain development. Low levels of lead can affect adults with high blood pressure or kidney problems.

Copper is a mineral and natural component in soils. In the correct amounts, it is an essential nutrient for humans and plants. In Utah, most copper in drinking water comes from corrosion of household plumbing. Plumbing sources can include copper pipe and brass fixtures. Copper from plumbing corrosion can accumulate overnight.

Potential Health Effects of Copper

Although copper is an essential mineral in the diet, too much copper can cause health problems. Copper is widely distributed within the tissues of the body, but accumulates primarily in the liver and kidneys. A single dose of 15 mg of copper can cause nausea, vomiting, diarrhea, and intestinal cramps. Severe cases of copper poisoning have led to anemia and to disruption of liver and kidney functions. Individuals with Wilson's or Menke's diseases are at higher risk from copper exposure.

- When your water has been sitting for several hours, flush the pipe by running the cold-water
 tap until the water is noticeably colder before using the water for drinking or cooking. (The
 longer water has been sitting in the pipes, the more dissolved metals it may contain).
- Use only cold water for drinking, cooking, and making baby formula. Hot water may contain higher levels of lead or copper.
- Frequently clean the filter screens and aerators in faucets to remove captured particles.
- If building or remodeling, only use "lead free" or low lead piping and materials. Avoid using copper piping or brass fixtures for locations where water will be consumed or used in food preparation (such as kitchen or bathroom sinks).





Lab Sample No.: 20I1581-02

Name: Skyline Mountain Special Services District

Sample Date: 9/24/2020 10:15 AM

Sample Site: Lot B-56

Receipt Date: 9/24/2020 1:29 PM

Comments:

Sampler: Jeremy Fox

Sample Matrix: Drinking Water

Project:

PO Number:

System No.: UTAH20043

Source Code: DS001

Sample Point: DS001

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.0354 0.0009	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	09/30/2020 09/30/2020	09/30/2020 09/30/2020	

The OWSDD	Water System, I.D. UT 20043 is
providing you with the lead and copper test result	s on the water sample collected at your location
Please share this notice with everyone who uses of	or drinks the water
The results at: Lot B-56 are: lead	
The maximum contaminant level goal (MCLG) is which there are no known or expected risks to her	the level of a contaminant in drinking water below alth. MCLGs allow for a margin of safety. The that, if exceeded, triggers treatment requirements or
The MCLG and action level for copper is	-
results collected from sites in our sampling pool. higher or lower than the compliance calculation for water system's compliance with the LCR. We will	I Copper Rule (LCR) is calculated by using sample Your location's lead or copper results may be or the overall water system and does not reflect our I notify all water users if the lead or copper results
from our water system exceed the action level.	
For more information, please contact:	M Jeremy Fox (owner or operator)
at () - or 2201 SN	(owner or operator)
(phone number)	(address)
This notice is sent to you by 5M55 D	Water System on 2/16/202(
How I and Gots Into Water	

How Lead Gets Into Water

Lead in drinking water most often comes from water distribution lines or household plumbing rather than from the water system source. Plumbing sources can include lead pipes, lead solder, faucets, valves, and other components made of brass. Lead from other sources (such as lead-based paint and contaminated dust or soil) can increase a person's overall exposure, which adds to the effects of lead in water.

Potential Health Effects of Lead

The greatest risk of lead exposure is to infants, young children, and pregnant women. Lead can cause serious health problems if too much enters the body. Lead is stored in the bones and can be released later in life. Lead can cause damage to the brain and kidneys, interfere with production of red blood cells that carry oxygen, and may result in lowered IQ in children. During pregnancy, the child receives lead from the mother's bones, which may affect brain development. Low levels of lead can affect adults with high blood pressure or kidney problems.

Copper is a mineral and natural component in soils. In the correct amounts, it is an essential nutrient for humans and plants. In Utah, most copper in drinking water comes from corrosion of household plumbing. Plumbing sources can include copper pipe and brass fixtures. Copper from plumbing corrosion can accumulate overnight.

Potential Health Effects of Copper

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- When your water has been sitting for several hours, flush the pipe by running the cold-water
 tap until the water is noticeably colder before using the water for drinking or cooking. (The
 longer water has been sitting in the pipes, the more dissolved metals it may contain).
- Use only cold water for drinking, cooking, and making baby formula. Hot water may contain higher levels of lead or copper.
- Frequently clean the filter screens and aerators in faucets to remove captured particles.
- If building or remodeling, only use "lead free" or low lead piping and materials. Avoid using
 copper piping or brass fixtures for locations where water will be consumed or used in food
 preparation (such as kitchen or bathroom sinks).





Lab Sample No.: 2011581-03

Name: Skyline Mountain Special Services District

Sample Date: 9/24/2020 8:50 AM

Sample Site: Lot A-60

Receipt Date: 9/24/2020 1:29 PM

Comments:

Sampler: Jeremy Fox

Sample Matrix: Drinking Water

Project:

DO 11 1

PO Number:

System No.: UTAH20043

Source Code: DS001

Sample Point: DS001

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.0108 ND	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	09/30/2020 09/30/2020	09/30/2020 09/30/2020	

The DWSO	
r lease share this notice with a	nd copper test results on the water sample collected at your location. veryone who uses or drinks the water.
The results at: Lot are: lead ND mg	17-66 Taken on: 9 14/2028 Land copper_,0168_mg/L.
action level is the concentration actions a water system must for	vel goal (MCLG) is the level of a contaminant in drinking water below expected risks to health. MCLGs allow for a margin of safety. The on of a contaminant that, if exceeded, triggers treatment requirements of bllow. "0" and the action level is .015 mg/L.
Control Contro	level for copper is 1.3 mg/L.
higher or lower than the comp water system's compliance wi from our water system exceed	
For more information, please	contact: M Jaremy Fox
at 961 361 6227	2201 SM 2 (owner or operator) (address)
(phone number)	(address)
This notice is sent to you by _	5W 85D Water System on 3 /10 / 7621
How Lead Gets Into Water	

Lead in drinking water most often comes from water distribution lines or household plumbing rather than from the water system source. Plumbing sources can include lead pipes, lead solder, faucets, valves, and other components made of brass. Lead from other sources (such as lead-based paint and contaminated dust or soil) can increase a person's overall exposure, which adds to the effects of lead in water.

Potential Health Effects of Lead

The greatest risk of lead exposure is to infants, young children, and pregnant women. Lead can cause serious health problems if too much enters the body. Lead is stored in the bones and can be released later in life. Lead can cause damage to the brain and kidneys, interfere with production of red blood cells that carry oxygen, and may result in lowered IQ in children. During pregnancy, the child receives lead from the mother's bones, which may affect brain development. Low levels of lead can affect adults with high blood pressure or kidney problems.

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 longer water has been sitting in the pipes, the more dissolved metals it may contain).
- Use only cold water for drinking, cooking, and making baby formula. Hot water may contain higher levels of lead or copper.
- Frequently clean the filter screens and aerators in faucets to remove captured particles.
- If building or remodeling, only use "lead free" or low lead piping and materials. Avoid using copper piping or brass fixtures for locations where water will be consumed or used in food preparation (such as kitchen or bathroom sinks).





Lab Sample No.: 2011581-04

Name: Skyline Mountain Special Services District

Sample Date: 9/24/2020 10:30 AM

Sample Site: Lot B-01

Receipt Date: 9/24/2020 1:29 PM

Comments:

Sampler: Jeremy Fox

Sample Matrix: Drinking Water

Project:

PO Number:

System No.: UTAH20043

Source Code: DS001

Sample Point: DS001

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.0228 0.0005	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	09/30/2020 09/30/2020	09/30/2020 09/30/2020	

The SMSSD	Water System, I.D. UT 20043, is
providing you with the lead and copper test result Please share this notice with everyone who uses of	s on the water sample collected at your location
The results at: Lot B-8\ are: lead,0005mg/L and copper6	
which there are no known or expected risks to hea	that, if exceeded, triggers treatment requirements of level is .015 mg/L.
The water system's compliance with the Lead and results collected from sites in our sampling pool. higher or lower than the compliance calculation for water system's compliance with the LCR. We will from our water system exceed the action level.	Copper Rule (LCR) is calculated by using sample Your location's lead or copper results may be or the overall water system and does not reflect our later all water users if the lead or copper results
For more information, please contact: at 7() 36 6277 or (phone number)	(address)
This notice is sent to you by 5M55D	Water System on 3/10/2021
How Lead Gets Into Water	

Lead in drinking water most often comes from water distribution lines or household plumbing rather than from the water system source. Plumbing sources can include lead pipes, lead solder, faucets, valves, and other components made of brass. Lead from other sources (such as lead-based paint and contaminated dust or soil) can increase a person's overall exposure, which adds to the effects of lead in water.

Potential Health Effects of Lead

The greatest risk of lead exposure is to infants, young children, and pregnant women. Lead can cause serious health problems if too much enters the body. Lead is stored in the bones and can be released later in life. Lead can cause damage to the brain and kidneys, interfere with production of red blood cells that carry oxygen, and may result in lowered IQ in children. During pregnancy, the child receives lead from the mother's bones, which may affect brain development. Low levels of lead can affect adults with high blood pressure or kidney problems.

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 tap until the water is noticeably colder before using the water for drinking or cooking. (The
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- Use only cold water for drinking, cooking, and making baby formula. Hot water may contain higher levels of lead or copper.
- Frequently clean the filter screens and aerators in faucets to remove captured particles.
- If building or remodeling, only use "lead free" or low lead piping and materials. Avoid using copper piping or brass fixtures for locations where water will be consumed or used in food preparation (such as kitchen or bathroom sinks).





Lab Sample No.: 20I1581-05

Name: Skyline Mountain Special Services District

Sample Date: 9/24/2020 9:30 AM

Sample Site: Lot B-44

Receipt Date: 9/24/2020 1:29 PM

Comments:

Sampler: Jeremy Fox

Project:

Sample Matrix: Drinking Water

Troject

PO Number:

System No.: UTAH20043

Source Code: DS001

Sample Point: DS001

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.0083 ND	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	09/30/2020 09/30/2020	09/30/2020 09/30/2020	

The 0 M 350	Water System, I.D. WT 2002-13, is
providing you with the lead and copper test results of Please share this notice with everyone who uses or design the company of the providing your with the lead and copper test results of the providing your with the lead and copper test results of the providing your with the lead and copper test results of the providing your with the lead and copper test results of the providing your with the lead and copper test results of the providing your with the lead and copper test results of the providing your with the lead and copper test results of the providing your with the lead and copper test results of the providing your with the lead and copper test results of the providing your with the provid	in the water sample collected at your land
The results at: LGT B-449 are: lead MD mg/L and copper	
The maximum contaminant level goal (MCLG) is the which there are no known or expected risks to health action level is the concentration of a contaminant that actions a water system must follow. • The MCLG for lead is "0" and the action level.	n. MCLGs allow for a margin of safety. The at, if exceeded, triggers treatment requirements of
 The MCLG and action level for copper is 1.3 	
The water system's compliance with the Lead and Coresults collected from sites in our sampling pool. You higher or lower than the compliance calculation for the water system's compliance with the LCR. We will not from our water system exceed the action level.	ur location's lead or copper results may be
For more information, please contact:	Jenemy Fox
For more information, please contact: 701 361 6277 or (phone number)	(owner or operator) (address)
This notice is sent to you by SMSSD	Water System on 3/18/2021
UI 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	to an analysis of the second s

How Lead Gets Into Water

Lead in drinking water most often comes from water distribution lines or household plumbing rather than from the water system source. Plumbing sources can include lead pipes, lead solder, faucets, valves, and other components made of brass. Lead from other sources (such as lead-based paint and contaminated dust or soil) can increase a person's overall exposure, which adds to the effects of lead in water.

Potential Health Effects of Lead

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- Frequently clean the filter screens and aerators in faucets to remove captured particles.
- If building or remodeling, only use "lead free" or low lead piping and materials. Avoid using copper piping or brass fixtures for locations where water will be consumed or used in food preparation (such as kitchen or bathroom sinks).





A ChemtechFord Affiliate

Analyses presented in this report were performed in accordance with the National Environmental Laboratory Accreditation Program by a Chemtech-Ford affiliate company, except where otherwise noted.

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.

 $1~\text{ug/L} = \text{one microgram per liter or} \ 1~\text{ug/Kg} = \text{one microgram per kilogram} = 1~\text{part per billion}.$

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.

Chain of Custody/Sample Submittal Form

Timpview Analytical Labs

Compa	Company or Name	0				Lab Notes:		
	Address					[] Custody Seals	LY COC Included	[] Received within hold time
	Phone					(//Containers Intact	// COC Complete	Checked by
Contact N	Contact Name/Email KCY LOY					[V] COC/Labels Linked	✓ Sufficient Sample Volume	,
	#Od	ı	Project			M Received on Ice	[] Temp Blank Re	Receiving Temp: 22-4_C
۵	DW System # INT 20043	Report	Report DW to State	N or N	9	[K] Correct Containers	[] Headspace Present (VOC)	
Lab W	Lab Work Order #		Rush Due Date:	ate:				
	20T 1581							
(Lab Use)	4	Sample	Sample	Sample	(For Drin	(For Drinking Water)	202 203 203 203 203 203 203 203 203 203	Ω
sample #	Sample ID or Location	Date	Time	Matrix	Source	Sample Pt.	Analysis Requested	Bottle-Lot Quantity
	44-0 197	7/24/20	11 20	30			lead + Capt	en AB-DNW Blab
1	95-51 D T07	9/41/20	10:15	MA			lead + Coppe,	
8)	107 A-60	9/24/20	05:80	2			00007 + 1000	
		1		9			1	
2	101 (2 - COPO)	8/21/29	10:30	30			159d & Cog	Jo. (
8	LOT B-44	9/14/20	9:30	30			(40) + (B)	January Januar
							1	
W/A	Great tox			Delivery Method:	thod: (Walk In Client Courier	ourier CTF Courier	
Sampled by	N X XXX		2/6	9561 25/21/2	529	UPS FedEx	Other Tracking#	9.74.10 0.127.9
Relinquished by	od by Applegate ad by		4.2	9.24.20 @1400 Date/Time	8	Received by	afferentia	Date/Time 9-24-20 (Y.S.) Date/Time

Date/Time

Received by

Date/Time

Relinquished by