

# DPU EXHIBIT 1



Shauna Benvegna-Springer &lt;sbenvegn@utah.gov&gt;

---

## South Duchesne Boil Order

1 message

Colt Smith &lt;acsmith@utah.gov&gt;

Wed, Dec 11, 2019 at 10:42 AM

To: Shauna Benvegna-springer &lt;sbenvegn@utah.gov&gt;

Cc: Ying-Ying Macauley &lt;ymacauley@utah.gov&gt;, Rachael Cassady &lt;rcassady@utah.gov&gt;

I have attached the South Duchesne Boil Order, recent sample results, and the final signed copy of the Compliance Agreement.

**Colt Smith | Environmental Scientist | Rules**801.536.4155 (office) | [acsmith@utah.gov](mailto:acsmith@utah.gov) (email) | 435.610.1104 (mobile) | 801.536.4211 (fax)

PO Box 144830, 84114-4830

195 North 1950 West, Salt Lake City, UT 84116

[Website](#) | [Blog](#) | [Twitter](#) | [Facebook](#) | [LinkedIn](#)

---

### 5 attachments

**South Duchesne Boil Order.pdf**

272K

**2019\_12\_South Duchesne Culinary Water\_BacT.pdf**

251K

**cl2 second week.xls**

89K

**cl2 first week (1).xls**

89K

**South Duchesne CAEO-Final.pdf**

1893K

# DRINKING WATER ORDER

## BOIL YOUR WATER BEFORE USING

**In order to protect public health, consumers of South Duchesne water are ordered to boil the water before using.**

While South Duchesne continues to fix the main line break and establish the chlorine residual **we order all consumers to boil the water before using**. Bring all water to a boil, let it boil for five minutes, and let it cool before using, or use bottled water. Boiled or bottled water should be used for drinking, making ice, brushing teeth, washing dishes, and food preparation. Boiling kills bacteria and other organisms in the water.

People at increased risk should seek advice about drinking water from their health care providers.

This week water system operators took samples that show positive results for coliform bacteria, but not E.coli bacteria. On November 7, 2019, the Utah Department of Health notified South Duchesne of one case of Giardia that could be related to the drinking water. Giardia is a cyst that can occur in the environment. Once infected with Giardia cysts, a person can experience *Giardiasis* illness caused by the parasite. If you suspect this potential illness please contact your health care provider immediately.

We are working with the Health Department to investigate this case, as well as the positive results for coliform bacteria, and will provide more information as it becomes available.

South Duchesne is taking the following steps to confirm the safety of the drinking water:

- Fix all breaks in the system
- Re-establish the chlorine residual levels
- Check for any cross connections in the system
- Continue to take water samples and chlorine residuals

For more information, please contact Kriss Kofford at 435-738-6400 or Jeff Schnars at 435-738-6200 or by mail at P.O. Box 294 Duchesne Utah 84021. General guidelines on ways to lessen the risk of infection by microbes are available from the EPA Safe Drinking Water Hotline at 1(800) 426-4791. The Utah Division of Drinking Water is available for consumer questions at 801-536-4986.

We will inform you when this boil order is lifted. We anticipate resolving the problem as soon as possible.

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.*

November 22, 2019



Duchesne Valley Water Treatment Plant  
NELAC Laboratory

CENTRAL UTAH WATER  
CONSERVANCY DISTRICT

Monday - Friday  
8:00 a.m. - 3:00 p.m.

23419 West State Park Road | Duchesne, UT 84021 | www.cuwcd.com

## Monthly Compliance Bacteria Summary Report

November 2019  
South Duchesne Culinary Water  
Utah State Water System #07067

Laboratory Number	Date Sampled	Time Sampled	Sampler	Sample Site	Chlorine Residual (ppm)	Date Received In Lab	Date Analyzed	Time Analyzed	Sample Type	Colilert Results	
										Total Coliform	E. Coli
D19445	11/25/2019	14:06	Jeff Schnars	DMR 6-28 End	0.07	11/25/2019	11/25/2019	15:12	Compliance	Absent	Absent
D19447	11/26/2019	14:30	Jeff Schnars	UMR 396 Mid	0.07	11/26/2019	11/26/2019	16:30	Compliance	Absent	Absent
D19448	11/26/2019	15:33	Jeff Schnars	UMR 32 End	0.02	11/26/2019	11/26/2019	16:30	Compliance	Absent	Absent
D19449	11/27/2019	8:45	Jeff Schnars	UMR 61 End	0.04	11/27/2019	11/27/2019	9:43	Compliance	Absent	Absent
D19450	11/27/2019	9:09	Jeff Schnars	UMR 371 Mid	0.06	11/27/2019	11/27/2019	9:43	Compliance	Absent	Absent
D19451	11/28/2019	9:00	Jeff Schnars	UMR 371 mid	0.20	11/28/2019	11/28/2019	9:58	Compliance	Absent	Absent
D19452	11/28/2019	9:27	Jeff Schnars	UMR 61 End	0.02	11/28/2019	11/28/2019	9:58	Compliance	Absent	Absent
D19457	11/29/2019	9:45	Jeff Schnars	UMR 371 mid	0.00	11/29/2019	11/29/2019	10:27	Compliance	Absent	Absent
D19458	11/29/2019	9:59	Jeff Schnars	UMR 61 End	0.05	11/29/2019	11/29/2019	10:27	Compliance	Absent	Absent
D19461	11/30/2019	13:07	Jeff Schnars	UMR 272 mid	0.04	11/30/2019	11/30/2019	14:37	Compliance	Absent	Absent
D19462	11/30/2019	13:48	Jeff Schnars	UMR 32 end	0.01	11/30/2019	11/30/2019	14:37	Compliance	Absent	Absent
Total Number of Compliance Samples Taken						16					
Total Number of Investigative Samples Taken						22					

Standard Method for the Examination of Water and Wastewater, 22nd Ed. - Methods 9223 (Colilert)

was used in the analysis of these samples.

Samples were collected using the sampling procedures in the DVWTP QAP Section 7 Rev. 5.0.

Comments:

Samples D19409, D19410, and D19411 taken on 11/17/19 were invalidated because these samples were held in the refrigerator for two hours and CUWCD staff forgot to record the fridge temperature readings for that day. It is our lab protocol to invalidate any samples that were stored in our refrigerators for any amount of time without a confirming temperature reading to ensure that sample QC was met. Our fridge thermometer does keep track of historical max/min temperatures which currently show a range of 1.6 C to 4.2 C which is nearly within our QA/QC range of 1 - 4 C.

Erik D. Cram, Ph.D.

Laboratory Technical Director

Issued: December 3, 2019





Duchesne Valley Water Treatment Plant  
NELAC Laboratory

Monday - Friday  
8:00 a.m. - 3:00 p.m.

CENTRAL UTAH WATER  
CONSERVANCY DISTRICT

23419 West State Park Road | Duchesne, UT 84021 | www.cuwcd.com

## Monthly Compliance Bacteria Summary Report

November 2019  
South Duchesne Culinary Water  
Utah State Water System #07067

Laboratory Number	Date Sampled	Time Sampled	Sampler	Sample Site	Chlorine Residual (ppm)	Date Received In Lab	Date Analyzed	Time Analyzed	Sample Type	Colilert Results	
										Total Coliform	E. Coli
D19394	11/14/2019	11:00	Jeff Schnars	DMR 1-7	0.20	11/14/2019	11/14/2019	12:36	Investigative	Absent	Absent
D19395	11/14/2019	11:10	Jeff Schnars	UMR 239	0.37	11/14/2019	11/14/2019	12:36	Investigative	Absent	Absent
D19396	11/14/2019	11:20	Jeff Schnars	UMR 22	0.39	11/14/2019	11/14/2019	12:36	Investigative	Absent	Absent
D19397	11/15/2019	11:20	Jeff Schnars	DMR 3-41	0.25	11/15/2019	11/15/2019	15:19	Investigative	Absent	Absent
D19398	11/15/2019	11:40	Jeff Schnars	UMR 310	0.36	11/15/2019	11/15/2019	15:19	Investigative	Absent	Absent
D19399	11/15/2019	11:54	Jeff Schnars	DMR 6-28	0.30	11/15/2019	11/15/2019	15:19	Investigative	Absent	Absent
D19405	11/16/2019	11:13	Jeff Schnars	UMR 105	0.30	11/16/2019	11/16/2019	15:25	Investigative	Absent	Absent
D19406	11/16/2019	11:37	Jeff Schnars	UMR 371	0.29	11/16/2019	11/16/2019	15:25	Investigative	Absent	Absent
D19407	11/16/2019	12:04	Jeff Schnars	UMR 272	0.28	11/16/2019	11/16/2019	15:25	Investigative	Absent	Absent
D19413	11/18/2019	11:30	Jeff Schnars	UMR 396	0.38	11/18/2019	11/18/2019	14:59	Investigative	Absent	Absent
D19414	11/18/2019	13:02	Jeff Schnars	UMR 286	0.20	11/18/2019	11/18/2019	14:59	Investigative	Absent	Absent
D19418	11/19/2019	12:04	Jeff Schnars	UMR 234	0.27	11/19/2019	11/19/2019	13:20	Investigative	Absent	Absent
D19419	11/19/2019	12:41	Jeff Schnars	UMR 76	0.20	11/19/2019	11/19/2019	13:20	Investigative	Absent	Absent
D19420	11/19/2019	12:52	Jeff Schnars	Pumphouse	0.11	11/19/2019	11/19/2019	13:20	Investigative	Absent	Absent
D19424	11/20/2019	11:04	Jeff Schnars	UMR 219	0.21	11/20/2019	11/20/2019	15:35	Investigative	Absent	Absent
D19433	11/21/2019	13:55	Jeff Schnars	UMR 62	0.23	11/21/2019	11/21/2019	15:50	Investigative	Absent	Absent
D19434	11/21/2019	14:05	Jeff Schnars	UMR 32	0.45	11/21/2019	11/21/2019	15:50	Investigative	Absent	Absent
D19435	11/21/2019	14:25	Jeff Schnars	UMR 310	0.23	11/21/2019	11/21/2019	15:50	Investigative	Absent	Absent
D19438	11/23/2019	14:40	Jeff Schnars	UMR 371 Mid	0.14	11/23/2019	11/23/2019	15:55	Compliance	Absent	Absent
D19439	11/23/2019	15:07	Jeff Schnars	UMR 32 End	0.03	11/23/2019	11/23/2019	15:55	Compliance	Absent	Absent
D19440	11/24/2019	13:40	Jeff Schnars	UMR 272 Mid	0.05	11/24/2019	11/24/2019	15:20	Compliance	Absent	Absent
D19441	11/24/2019	14:32	Jeff Schnars	UMR 61 End	0.00	11/24/2019	11/24/2019	15:20	Compliance	Absent	Absent
D19444	11/25/2019	13:41	Jeff Schnars	UMR 371 Mid	0.05	11/25/2019	11/25/2019	15:12	Compliance	Absent	Absent