



State of Utah

SPENCER J. COX  
Governor

DEIDRE HENDERSON  
Lieutenant Governor

Department of  
Environmental Quality

Kimberly D. Shelley  
Executive Director

DIVISION OF WATER QUALITY  
Erica Brown Gaddis, PhD  
Director

April 30, 2021

DIVISION OF WATER QUALITY  
UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY  
PUBLIC NOTICE TO REISSUE A UPDES PERMIT

**PURPOSE OF PUBLIC NOTICE**

THE PURPOSE OF THIS PUBLIC NOTICE IS TO DECLARE THE STATE OF UTAH'S INTENTION TO ISSUE A UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM (UPDES) PERMIT UNDER AUTHORITY OF THE UTAH WATER POLLUTION CONTROL ACT, SECTION 19-5-104(9) AND 107(2), UTAH CODE ANNOTATED 1953, AS AMENDED. SAID "PERMIT" REFERS TO THE UPDES PERMIT AND THE FACT SHEET STATEMENT OF BASIS INCLUDING TOTAL MAXIMUM DAILY LOADS (TMDLs) IF APPLICABLE, AS PER SECTION 303(D) OF THE FEDERAL CLEAN WATER ACT (CWA)].

**PERMIT INFORMATION**

PERMITTEE NAME: Duchesne Valley Water Treatment Plant  
MAILING ADDRESS: Central Utah Water Conservancy District  
PO Box 912, Duchesne, UT 84021  
TELEPHONE NUMBER: (801) 785-5725  
FACILITY LOCATION: 23419 West State Park Road, Duchesne, UT  
UPDES PERMIT NO.: UT0025801  
PERMITTED OUTFALLS: 001  
RECEIVING WATER: Starvation Reservoir

**BACKGROUND**

Central Utah Water Conservancy District owns and operates the Duchesne Valley Water Treatment Plant (DVWTP) located on the east side of the Starvation Reservoir in Duchesne, Utah. The DVWTP is a direct filtration drinking water treatment plant that was constructed in the early 1980's and is designed to treat an annual average of 0.65 million gallons per day (MGD) and falls under the Standard Industrial Category #4941, for Water Supply. The DVWTP process starts with pumping raw water from Starvation Reservoir up to the treatment plant where either aluminum sulfate (alum) or ferric chloride (ferric) is then rapidly mixed with the raw water (coagulation) to neutralize the surface charge of particles found in the raw water. The water is then mechanically mixed (flocculation) to form larger particles which can then be removed next in the dual media filtration process. After the filtration and disinfection process, the high-quality treated drinking water then enters finished water storage reservoirs to await delivery to the consumer.

Regarding DVWTP effluent discharges, when the filtration process has collected or filtered a pre-determined amount material from the water, the filtration process is stopped, and clean drinking water is pumped in the reverse direction through the filter media to wash out all the collected particles within the filter. This (backwash) water then flows to one of two 1.1 million gallon capacity drying/settling basins, where the

backwash particles in the water settle out in the basin, and the clarified decant water flows, at a selected rate, from the top water level in the basin through adjustable gates and then flows back to Starvation Reservoir via pipeline to Outfall 001 located at latitude 40° 11' 45" and longitude 110° 26' 10".

### **PUBLIC COMMENTS**

During the public comment period provided under *Utah Administrative Code (UAC) R317-8-6.5*, any interested person may submit written comments on the draft permit and may request a public hearing, if no hearing has already been scheduled. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. All comments will be considered in making the final decision and shall be answered as provided in *UAC R317-8-6.12*. Public comments are invited any time prior to the deadline of the close of business on **June 1, 2021**. Written public comments can be submitted to: Jeff Studenka, UPDES Individual Permits Section, Utah Division of Water Quality, PO Box 144870, Salt Lake City, Utah 84114-4870 or by email at: [jstudenka@utah.gov](mailto:jstudenka@utah.gov). After considering public comment the Utah Division of Water Quality may execute the permit issuance, revise it, or abandon it. The permit is available for public review under "Public Notices" at [www.waterquality.utah.gov/](http://www.waterquality.utah.gov/). If internet access is not available, a copy may be obtained by calling Jeff Studenka at 801-536-4395.