



State of Utah

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February 3, 2022

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

PURPOSE OF PUBLIC NOTICE

THE PURPOSE OF THIS PUBLIC NOTICE IS TO DECLARE THE STATE OF UTAH'S INTENTION TO MODIFY 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. 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: Jordanelle Special Service District
MAILING ADDRESS: PO Box 519, Heber City, UT 84032
TELEPHONE NUMBER: (425) 940-0475
UPDES PERMIT NO.: UT0025747
PERMITTED OUTFALLS: 001, 002, 003, 004
RECEIVING WATERS: Timpanogos Canal, Wasatch Canal, Provo River

BACKGROUND

The Jordanelle Special Service District Water Reclamation Facility (JSSDWRF) is a domestic waste water treatment plant and Publicly Owned Treatment Works (POTW) that has a design flow rate of 1.0 million gallons per day (MGD). The facility was built in 2008 to serve the future developments in the area of Jordanelle Reservoir north of Heber City in Wasatch County, Utah and first became operational in the Summer of 2020. The facility's treatment flow is as follows; raw influent passes through fine screens, and then through a series of anaerobic and aerobic tanks (as a biological aid in the removal of phosphorous), then through a membrane bio-reactor, which includes the addition of alum for further phosphorous removal, then through an ultra violet (UV) disinfection system prior to any discharges. The solids handling process consists of an aerated basin and belt press for dewatering prior to off-site disposal.

DESCRIPTION OF PERMIT MODIFICATION

JSSDWRF has requested a permit modification to formally address elevated concentrations of total dissolved solids (TDS) by including an interim TDS effluent limitation for a period of 2 years. This interim period will allow for JSSDWRF to further investigate and address the elevated TDS concentrations coming into the facility through the collections system. The unexpected, elevated influent TDS concentrations at JSSDWRF have made it difficult to achieve the TDS effluent limit since start up as TDS is typically not a parameter that is part of treatment design and operations at POTWs. Therefore, JSSDWRF is working to investigate the source(s) of the incoming TDS and once it is better understood, JSSDWRF will take measures to reduce the incoming TDS and will be able to better identify possible alternative discharge options. Until that time, JSSDWRF requests that its permit be modified to increase the daily maximum TDS limit as an interim limit for the next two years, which is essentially the remainder of the 5-year permit cycle.

Aside from adding a TDS interim limit and accompanying footnote with compliance provisions, the only other change being proposed with this permit modification is to clarify verbiage in the Self-Monitoring and Reporting Requirements permit table that both influent and effluent TDS sampling shall be conducted at least monthly as appropriate, as the previous permit did not specifically mention that. These are the only changes being proposed with this permit modification that are subject to public comment during the public notice period. All other permit provisions remain unopened and unchanged.

See the draft Permit and Fact Sheet Statement of Basis for more information.

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 **March 7, 2022**. 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: wqcomments@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 <https://deq.utah.gov/division-water-quality>. If internet access is not available, a copy may be obtained by calling Jeff Studenka at 385-602-7303.