



State of Utah

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DIVISION OF WATER QUALITY
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October 9, 2020

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 Pollution 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 (TMDL's)) if applicable, as per Section 303(d) of the Federal Clean Water Act (CWA)].

PERMIT INFORMATION

PERMITTEE NAME: South Davis Sewer District-North Plant
MAILING ADDRESS: PO Box 140111, Salt Lake City, UT 84114
TELEPHONE NUMBER: 801-295-3469
FACILITY LOCATION: 1800 W 1200 North, West Bountiful, UT 84087
UPDES PERMIT NO.: UT0021636
PERMITTED OUTFALLS: 001
RECEIVING WATER: State Canal (tributary to Great Salt Lake)

BACKGROUND

The South Davis County Sewer District North Wastewater Treatment Plant (SDSDN) serves the cities of Centerville, Woods Cross, West Bountiful and portions of Bountiful with a daily average design flow of 12 million gallons per day (MGD) and a design population equivalent of 75,000. The South Davis Sewer District (SDSD) requested consideration of mass (lbs/day) based limits for Total Ammonia [as N] at their North Plant. The North Plant historically has been unable to meet monthly average concentration (mg/L) limits of Total Ammonia [as N] in the winter months (Nov-Feb). The concentration (mg/L) limits in their permit were based on a design flow of 12 MGD, but the North Plant currently discharges closer to 7.5 MGD.

On April 2, 2020 the wasteload analysis for Ammonia for the South Davis Sewer District was updated to take into consideration an analysis that was performed to determine whether a Total Ammonia [as N] mass (lbs/day) based limit would meet in stream criteria at the projected 5-year discharge rate of 7.5 MGD at the North Plant. At the projected 5-year discharge rate at the North Plant, the load limit only met the criteria during the months where ELS was absent (Nov– Feb). Therefore, concentration (mg/L) limits will apply during the months where ELS are present (March –October).

The North Plant will have monthly average mass (lbs/day) based limits November through February. These mass (lbs/day) based limits will be re-evaluated during the next permit renewal. During the permit renewal process the Director will determine whether the facility will receive updated mass (lbs/day) based monthly average limits based on 5-year projected flow or if the facility will be required to meet a concentration (mg/L) based monthly average limits based on the most up to date wasteload analysis.

PUBLIC COMMENTS

Public comments are invited any time prior to the deadline of the close of business on **November 9, 2020**. Written public comments can be submitted to: Leanna Littler, UPDES Surface Water Section, Utah Division of Water Quality, PO Box 144870, Salt Lake City, Utah 84114-4870 or by email at: lnlittler@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 <https://deq.utah.gov/public-notices-archive/water-quality-public-notices>. If internet access is not available, a copy may be obtained by calling Leanna Littler at 801-536-4397.

DWQ-2020-020384