

**FACT SHEET AND STATEMENT OF BASIS
SOUTH DAVIS SEWER DISTRICT NORTH TREATMENT PLANT
PERMIT MODIFICATION
UPDES PERMIT NUMBER: UT0021636
MAJOR MUNICIPAL**

FACILITY CONTACTS

Person Name: Dal D. Wayment, P.E.
Position: General Manager
Phone Number: (801) 580-3889

Person Name: Matt Myers
Position: Assistant General Manager
Phone Number: (801) 232-7017

Facility Name: South Davis Sewer District North Treatment Plant
Mailing Address: PO Box 140111
Salt Lake City, UT 84114-4870
Telephone: (801) 295-3469
Actual Address: 1800 West 1200 North
West Bountiful, UT 84087

DESCRIPTION OF PERMIT MODIFICATION

The South Davis Sewer District North 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 current UPDES permit was issued on December 9, 2021, expiring at midnight on December 8, 2026. Due to unexpected pilot results and delays, South Davis Sewer District (SDSD) has requested an extension of the current ammonia compliance schedule found in part *Part I.C.3.a* of UPDES Permit No. UT0021636, as well as mass-based limits for ammonia. The Division of Water Quality has granted an extension of the ammonia compliance schedule as well as granted mass-based loading for the winter season (December- February).

This modification also adjusts the seasons for total ammonia, shifting all seasons one month earlier/ ending one month earlier – this aligns with the seasons presented in the most current Wasteload Analysis (WLA).

These modifications are reflected below and in *Part I.C.2* and *Part I.C.3.a* of the permit.

Seasons:

Current Permit	Modified Permit
Total Ammonia (as N), mg/L	Total Ammonia (as N), mg/L
Summer (Jul-Sep)	Summer (Jun-Aug)
Fall (Oct-Dec)	Fall (Sep-Nov)
Winter (Jan-Mar)	Winter (Dec-Feb)
Spring (Apr-Jun)	Spring (Mar-May)

Mass-based Total Ammonia (as N) Limit:

Current Permit		Modified Permit	
Season	Maximum Monthly Avg, mg/L	Season	Maximum Monthly Load, lbs/day
Winter (Jan-Mar)	12	Winter (Dec- Feb)	1,202*

*The mass-based limit will only extend through the final compliance date of September 1, 2026.

Ammonia Compliance Schedule:

Date	Milestone
September 1, 2022	SDSD shall commence the design of Phase 1
December 31, 2022	SDSD submits a completed capital facilities plan revision consistent with SRF requirements, which will include Phase 1 and options for Phase 2
September 1, 2023	SDSD submits detailed construction plans and specifications to DWQ to obtain a construction permit for Phase 1
December 1, 2023	SDSD obtains construction permit
January 31, 2024	SDSD bids construction of approved wastewater treatment upgrades as outlined in the DWQ construction permit
August 1, 2026	SDSD shall complete construction of the upgrades and begin startup and optimization of upgraded wastewater treatment upgrades
September 1, 2026	Final ammonia effluent limits will into effect, and mass-based ammonia limit will no longer apply

Date	Permit Limits for Ammonia (as N)				
	Maximum Monthly Average		Maximum Monthly Load	Daily Maximum	
	Season	mg/L	lbs/day	Season	mg/L
Modification Issue - August 31, 2026*	Summer (Jun-Aug)	8	--	Summer (Jun-Aug)	31.7
	Fall (Sep-Nov)	10	--	Fall (Sep-Nov)	16.2
	Winter (Dec-Feb)	--	1,202	Winter (Dec-Feb)	23.4
	Spring (Mar-May)	12	--	Spring (Mar-May)	26.8
September 1, 2026	Summer (Jun-Aug)	5.5	--	Summer (Jun-Aug)	24.0
	Fall (Sep-Nov)	7.5	--	Fall (Sep-Nov)	16.2
	Winter (Dec-Feb)	6.5	--	Winter (Dec-Feb)	13.0
	Spring (Mar-May)	6.0	--	Spring (Mar-May)	15.0

* Interim limits were taken from previous permit/ previous WLA.

PERMIT DURATION

It is recommended that this permit modification be effective through the current permit expiration date, December 8, 2026.

Drafted by
Danielle Lenz, Environmental Scientist
Utah Division of Water Quality
Permit Modification Drafted July, 2022

PUBLIC NOTICE

Began: Month Day, Year

Ended: Month Day, Year

Comments will be received at: 195 North 1950 West
PO Box 144870
Salt Lake City, UT 84114-4870

The Public Noticed of the draft permit was published on the DEQ webpage.

During the public comment period provided under 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 R317-8-6.12.

ADDENDUM TO FSSOB

During the finalization of the Permit certain dates, spelling edits and minor language corrections were completed. Due to the nature of these changes they were not considered Major and the permit is not required to be re Public Noticed.

RESPONSIVENESS SUMMARY

(Explain any comments received and responses sent. Actual letters can be referenced, but are not required to be included.