

**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: Matthew Myers
Position: General Manager
Phone Number: (801) 295 -3469

Permittee: South Davis Sewer District (SDSD)
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 SDSD North Treatment Plant 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 October 1, 2022, expiring at midnight on December 8, 2026.

In April 2023, by request of SDSD, the Division of Water Quality ran a Wasteload Analysis (WLA) (DWQ-2023-005597) for the SDSD North Plant that incorporated site-specific chronic ammonia criteria with mussels absent. This WLA produced relaxed limits for ammonia, specifically in regard to the maximum monthly limits, which have been incorporated into this modification. This modification does not change the daily maximum limits currently in the permit. The Ammonia Limit Summary table from the WLA is shown below:

Effluent Constituent	Early Life Stages	Averaging Period	Concentration (mg/L)
Ammonia Chronic		Monthly	
Summer (Jun-Aug)	Present		9.0
Fall (Sep-Oct)	Present		9.0
Fall (Nov)	Absent		10.0
Winter (Dec-Feb)	Absent		12.0
Spring (Mar-May)	Present		6.0

These modifications are reflected below and in *Part I.C.2* and *Part I.C.3.a* of the permit. Bolded values have been modified with this modification.

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)	9.0	--	Summer (Jun-Aug)	31.7
	Fall (Sep-Oct)	10.0	--	Fall (Sep-Oct)	16.2
	Fall (Nov)	10.0	--	Fall (Nov)	16.2
	Winter (Dec-Feb)	--	1,202	Winter (Dec-Feb)	23.4
	Spring (Mar-May)	12.0	--	Spring (Mar-May)	26.8
September 1, 2026	Summer (Jun-Aug)	9.0	--	Summer (Jun-Aug)	24.0
	Fall (Sep-Oct)	9.0	--	Fall (Sep-Oct)	16.2
	Fall (Nov)	10.0	--	Fall (Nov)	16.2
	Winter (Dec-Feb)	12.0	--	Winter (Dec-Feb)	13.0
	Spring (Mar-May)	6.0	--	Spring (Mar-May)	15.0

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

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 August, 2023

PUBLIC NOTICE

Began: X
 Ended: X

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

DWQ-2023-121091

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