

Official Draft Public Notice Version **December 26, 2023**

The findings, determinations, and assertions contained in this document are not final and subject to change following the public comment period.

**FACT SHEET AND STATEMENT OF BASIS
CENTRAL DAVIS SEWER DISTRICT
UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM (UPDES)
UPDES DISCHARGE PERMIT MODIFICATION
UPDES PERMIT NUMBER: UT0020974
MAJOR MUNICIPAL FACILITY**

FACILITY CONTACTS

Person Name:	Jill Jones	Person Name:	Manjot Masson
Position:	District Manager	Position:	Pretreatment Coordinator
Phone Number:	(801) 451-2190	Phone Number:	(801) 451-2190
Email:	jillj@cdsewer.org	Email:	mkaur@cdsewer.org

Person Name:	Manjot Masson	Person Name:	Manjot Masson
Position:	Laboratory Director	Position:	Biosolids Coordinator
Phone Number:	(801) 451-2190	Phone Number:	(801) 451-2190
Email:	jillj@cdsewer.org	Email:	mkaur@cdsewer.org

Facility Name:	Central Davis Sewer District
Mailing and Facility Address:	2200 South Sunset Drive Kaysville, Utah 84037
Telephone:	(801) 451-2190
Actual Address:	2200 South Sunset Drive Kaysville, Utah 84037

DESCRIPTION OF FACILITY

The Central Davis Sewer District (CDSD) Wastewater Treatment Facility (Facility) current UPDES Permit No. UT0020974 was issued on May 1, 2020. The permit has been modified to further explain the percent removal effluent limitation for biological oxygen demands percent removal (BOD₅ Min. % Removal) and total suspended solids percent removal (TSS Min. % Removal). *Utah Administrative Code R317-1-3.2* requires that wastewater treatment facilities must meet BOD₅ and TSS Min % Removal values of 85%, unless the facility can demonstrate the following:

1. The treatment works is consistently meeting, or will meet, its permit effluent concentration limits but its percent removal requirements cannot be met due to less concentrated influent wastewater;
2. To meet the percent removal requirements, the treatment works would have to achieve significantly more stringent limitations than would otherwise be required by concentration-based standards;
3. The less concentrated influent wastewater is not the result of excessive inflow and infiltration (I&I). The determination whether the less concentrated wastewater is the result of excessive I&I will use

the definition of excessive I&I found in 40 CFR 35.005(b)(16) plus the additional criterion that inflow is nonexcessive if the total flow to the POTW is less than 275 gallons per capita per day (gpcd).

The following information demonstrates that the requirements in *Utah Administrative Code R317-1-3.2* have been met:

1. CDSO has historically experienced extremely diluted influent concentrations. CDSO has not had effluent violations during this permit cycle due to the 80% removal requirement.
2. CDSO routinely has monthly influent concentrations at or below 100 mg/L. At 85% removal, effluent concentrations would be at, or below, the achievable treatment level for a trickling filter. During high flows, a portion of the influent coming into CDSO is redirected to the oxidation ditch, which has a higher removal efficiency. In the event of equipment failure, CDSO will be unable to redirect flows away from the trickling filter. The trickling filter will be able to meet 80 % removal during high flows, however 15 mg/L exceeds the likely effluent concentrations achievable with a trickling filter.
3. While CDSO has taken efforts to reduce the effects of excessive I&I, CDSO can, and has in the past, experienced excessive I&I. During peak flows, surface flooding takes place, resulting in submerged manholes and occasionally flooded basements. Additional sources of I&I are discovered that only occur during periods of shallow groundwater.
4. Peak flows are below 275 gpcd.

Effluent limits for BOD₅ and TSS Min % Removal, listed in Part I.C.2. of the permit, will remain at 80%.

The changes listed above are the only changes being proposed with this permit modification that are subject to public comment during the public notice period. All other permit effluent limitations remain unopened and unchanged as appropriate.

PERMIT DURATION

It is recommended that this permit be effective until the current permit is renewed.

Drafted by
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PUBLIC NOTICE INFORMATION

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 Division of Water Quality 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

Responsiveness Summary

DWQ-2023-125169

PND Draft