

Official Draft Public Notice Version May 11, 2022.

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

**FACT SHEET STATEMENT OF BASIS
JORDAN BASIN WASTEWATER RECLAMATION FACILITY
PERMIT MODIFICATION
UPDES PERMIT NUMBER: UT0025852
MAJOR MUNICIPAL**

FACILITY CONTACTS

Person Name: Craig White
Position: General Manager
Phone Number: (801) 571-1166

Person Name: Ken Brand
Position: Facility Manager
Phone Number: (801) 202-2730

Person Name: Joel Thompson
Position: Operations Supervisor
Phone Number: (385) 202-2769

Facility Name: Jordan Basin Water Reclamation Facility (JBWRF)
Mailing and Facility Address: PO Box 629
Riverton, Utah 84065
Telephone: (801) 571-1166
Actual Address: 13826 South Jordan Basin Lane
Riverton, Utah 84065

DESCRIPTION OF PERMIT MODIFICATION

The current UPDES permit requires sampling five times a week for the following parameters: BOD (influent and effluent), TSS (influent and effluent), *E.coli*, pH, total ammonia, DO, and temperature. On March 28, 2022, DWQ received a request from JBWRF to reduce the monitoring frequency for these parameters to four times a week. Due to the facility's history of compliance, DWQ found the extension request reasonable. This modification reduces the monitoring frequency for the above-listed parameters to four times a week.

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 current Wasteload Analysis (WLA). Lastly, the ammonia maximum monthly average limit for Summer (Jun-Aug) has decreased from 3 mg/L to 1.5 mg/L in accordance with the current WLA.

The modification is reflected below and in Part I.C.2. of the permit.

Monitoring Frequency:

Monitoring Frequency			
Parameter	Current Permit	Modified Permit	Units
BOD ₅ , Influent	5 x Weekly	4 x Weekly	mg/L
Effluent	5 x Weekly	4 x Weekly	mg/L
TSS, Influent	5 x Weekly	4 x Weekly	mg/L
Effluent	5 x Weekly	4 x Weekly	mg/L
<i>E. coli</i>	5 x Weekly	4 x Weekly	No./100mL
pH	5 x Weekly	4 x Weekly	SU
Total Ammonia (as N)	5 x Weekly	4 x Weekly	mg/L
DO	5 x Weekly	4 x Weekly	mg/L
Temperature	5 x Weekly	4 x Weekly	°C

Seasons:

Current Permit					
Parameter	Maximum Monthly Avg	Maximum Weekly Avg	Yearly Average	Daily Minimum	Daily Maximum
Total Ammonia (as N), mg/L					
Summer (Jul-Sep)	3.0	--	--	--	6.0
Fall (Oct-Dec)	2.5	--	--	--	6.0
Winter (Jan-Mar)	3.0	--	--	--	9.0
Spring (Apr-Jun)	2.5	--	--	--	8.0
Modified Permit					
Parameter	Maximum Monthly Avg	Maximum Weekly Avg	Yearly Average	Daily Minimum	Daily Maximum
Total Ammonia (as N), mg/L					
Summer (Jun-Aug)	1.5	--	--	--	6.0
Fall (Sep-Nov)	2.5	--	--	--	6.0
Winter (Dec-Feb)	3.0	--	--	--	9.0
Spring (Mar-May)	2.5	--	--	--	8.0

PERMIT DURATION

It is recommended that this permit modification be effective through the current permit expiration date, March 9, 2027.

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

DWQ-2022-009931