



State of Utah

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## Department of Environmental Quality

Kimberly D. Shelley  
*Executive Director*

DIVISION OF WATER QUALITY  
Erica Brown Gaddis, PhD  
*Director*

**March 1, 2021**

### DIVISION OF WATER QUALITY UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY PUBLIC NOTICE TO RENEW A UPDES PERMIT

#### **PURPOSE OF PUBLIC NOTICE**

THE PURPOSE OF THIS PUBLIC NOTICE IS TO DECLARE THE STATE OF UTAH'S INTENTION TO RENEW A UTAH POLLUTANT 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:	City of Orem
MAILING ADDRESS:	1797 West 1000 South, Orem, UT 84058
TELEPHONE NUMBER:	(801) 229-7475
FACILITY LOCATION:	1797 West 1000 South, Orem, UT 84058
UPDES PERMIT NO.:	UT0020915
PERMITTED OUTFALLS:	001
RECEIVING WATER:	Powell Slough

#### **BACKGROUND**

The Orem Water Reclamation Facility (OWRF), originally constructed in 1958, was last upgraded in 2014. The facility consists of three mechanical bar screens and two aerated grit chambers, followed by a division between four primary clarifiers. The overflow from all four primary clarifiers goes to a system of biological nutrient removal (BNR) basins. After treatment in these basins the overflow goes to final clarifiers for separation which consists of return activated sludge (RAS), waste activated sludge (WAS), or cleaned water for final disinfection at an ultra violet (UV) disinfection system. The final effluent is discharged to Powell Slough with final receiving water being Utah Lake. All WAS is sent to an equalization basin and mixed with the primary clarifier underflow and then introduced to the anaerobic digester system for final treatment. The facility serves the City of Orem, the City of Lindon, and a portion of the Town of Vineyard. The average design flow is 13.5 MGD, with a design population equivalent of 135,000.

#### **PUBLIC COMMENTS**

Public comments are invited any time prior to the deadline of the close of business on **April 1, 2021**. Written public comments can be submitted to: Danielle Lenz, UPDES Surface Water Section, Utah

Division of Water Quality, PO Box 144870, Salt Lake City, Utah 84114-4870 or by email at: [dlenz@utah.gov](mailto:dlenz@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 "Public Participation" at [www.waterquality.utah.gov/](http://www.waterquality.utah.gov/). If internet access is not available, a copy may be obtained by calling Danielle Lenz at 801-536-4318.

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