



## State of Utah

GARY R. HERBERT  
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*Lieutenant Governor*

## Department of Environmental Quality

L. Scott Baird  
*Executive Director*

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

**November 26, 2019**

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

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

The purpose of this public notice is to declare the State of Utah's intention to modify a Utah Pollutant Discharge Elimination System (UPDES) Permit under authority of the Utah Water Quality Act, Section 19-5-104 and 107, Utah Code Annotated 1953, as amended. Said "permit" refers to UPDES Permit and the Fact Sheet and Statement of Basis (including the total maximum daily loads (TMDL's)) if applicable, as per Section 303 (d) of the Federal Clean Water Act (CWA).

#### **PERMIT INFORMATION**

PERMITTEE NAME: Ashley Valley Water Reclamation Facility  
MAILING ADDRESS: PO Box 426 Vernal, UT 84078  
TELEPHONE NUMBER: (435) 789-9805  
FACILITY LOCATION: 2200 South 4000 East, Vernal, UT 84078  
UPDES PERMIT NO.: UT0025348  
PERMITTED OUTFALLS: 001  
RECEIVING WATERS: Ashley Creek

#### **BACKGROUND**

Ashley Valley Water Reclamation Facility (AVWRF) has a design flow rate of 4.7 million gallons per day (MGD). This facility has a loading of 4,510 pounds per day for both BOD5 and TSS with a design population equivalent of 18,540 that serves the Ashley Valley metropolitan area, consisting primarily of the cities of Vernal, Naples, and Maeser in Uintah County. The facility consists of a parshall flume, a mechanical bar screen, a vortex grit removal system, two oxidation ditches, two secondary clarifiers, and an ultraviolet (UV) disinfection system and cascade aeration. The solids handling consists of an aerated solids handling basin, one belt press for dewatering, and a biosolids storage pad.

The Department of Water Quality adopted UAC R317-1-3.3, Technology-Based Phosphorus Effluent Limit (TBPEL) Rule in 2014. The TBPEL requires that all non-lagoon wastewater treatment works discharging wastewater to surface waters of the state provide treatment processes which would produce effluent less than or equal to an annual mean of 1.0 mg/L for total phosphorus. This TBPEL shall be achieved by January 1, 2020, unless facility was granted a permit variance or existing Total Maximum Daily Load (TMDL). The facility will be able to meet the annual limit of 1.0 mg/L for total phosphorus. This public notice will modify the permit to include the 1.0 mg/L annual limit.

#### **PUBLIC COMMENTS**

Public comments are invited any time prior to the deadline of the close of business on **December 26, 2019**. Written public comments can be submitted to: Lonnie Shull, UPDES Surface Water Section, Utah Division of Water Quality, PO Box 144870, Salt Lake City, Utah 84114-4870 or by email at: [lushull@utah.gov](mailto:lushull@utah.gov). After considering public comment the Director may execute the permit issuance, revise it or abandon it. The permit is available for public review at <http://deq.utah.gov/water-quality/water-quality-public-notices>. If internet access is not available, a copy may be obtained by calling Lonnie Shull at 801-536-4394.

DWQ-2019-016805