



State of Utah

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DIVISION OF WATER QUALITY
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January 5, 2021

DIVISION OF WATER QUALITY
UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY
PUBLIC NOTICE OF NEW UPDES PERMIT

PURPOSE OF PUBLIC NOTICE

The purpose of this public notice is to declare the State of Utah's intention to issue a Utah Pollutant Discharge Elimination System (UPDES) Permit under the authority of the Utah Water Pollution Control Act, Section 19-5-104 and 107, Utah Code Annotated 1953, as amended. Said "Permit" refers to UPDES Permit and the Fact Sheet 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: Sand Hollow Ground Water Treatment Plant
MAILING ADDRESS: 533 East Waterworks Drive, St. George, Utah 84770
TELEPHONE NUMBER: (435) 673- 3617
FACILITY LOCATION: Sand Hollow Road, Washington County, Utah 84737
UPDES PERMIT NO.: UT0026131
OUTFALLS: 001
RECEIVING WATERS: Sand Hollow Reservoir

BACKGROUND

The Sand Hollow Groundwater Treatment Plant will be a newly constructed facility designed to primarily treat arsenic and manganese in groundwater. Arsenic and other contaminants will be removed through filter media. The main treatment process involves pre-oxidation with chlorine, coagulation (ferric chloride), and pressure filtration with sand and anthracite media and air scour capabilities, followed by post-chlorination. Backwash flows will be pumped to a backwash clarifier. Water within the clarifier will be decanted and returned to the front of the plant. Periodically, the sludge in the tank bottom will be removed through a blowdown process and will be pumped to the drying beds for further processing. Water within the drying beds will be removed through evaporation. However, in the event that the water production exceeds the evaporation rate, decanted water will discharge to the west dam drain to Sand Hollow Reservoir. Dried Sludge will be removed and hauled to a local landfill. The discharge is not anticipated to be year-round, but only during periods of low evaporation and high water production.

PUBLIC COMMENTS

Public comments are invited any time prior to the deadline of the close of business on **February 5, 2021**. Written public comments can be submitted to Leanna Littler-Woolf, UPDES Surface Water Section, Utah Division of Water Quality, PO Box 144870, Salt Lake City, Utah 84114-4870 or by email at lnlittler@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 <https://deq.utah.gov/water-quality/water-quality-public-notice>. If internet access is not available, a copy may be obtained by calling Leanna Littler-Woolf at (801) 536-4397.

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