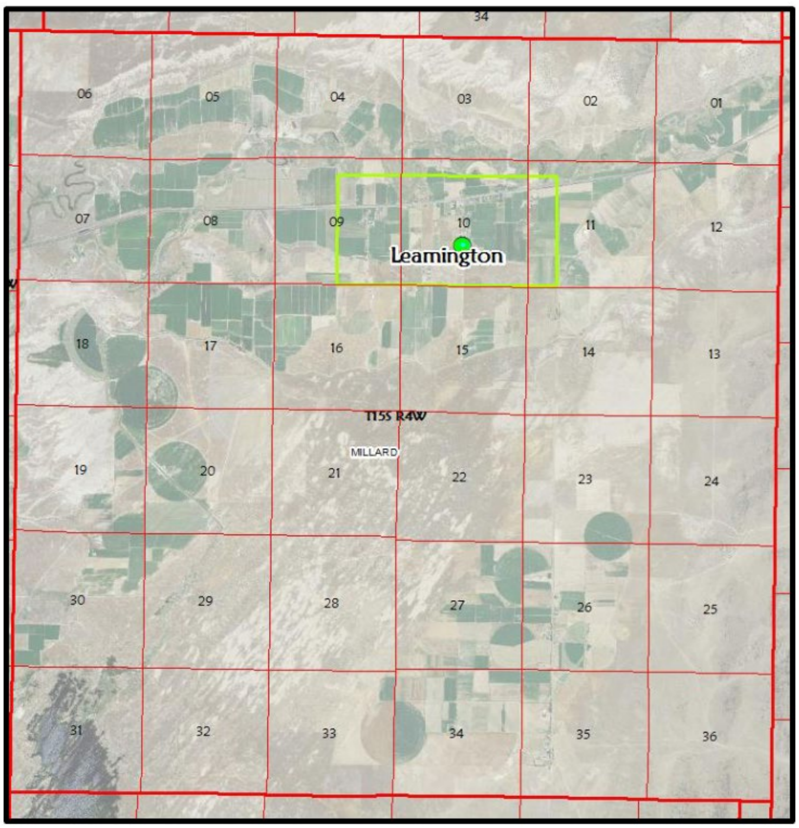
PUBLIC NOTICE DRAFT FACT SHEET AND STATEMENT OF BASIS
UNDERGROUND INJECTION AND CONTROL (UIC) CLASS V AREA PERMIT RENEWAL
UTU-27-IP-88A335D
OCTOBER 2025



Location: **Millard County, Utah**	**Operator:** **Leamington Town Corporation**
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I. Purpose of the Fact Sheet

Pursuant to Section §144.39 of the Underground Injection Control ("UIC") regulations in Title 40 of the Code of Federal Regulations (CFR) which is incorporated by reference in the Utah UIC Administrative Rules (R317-7), the purpose of this fact sheet is to briefly describe the principal facts and considerations that went into preparing a permit renewal for the Leamington Aquifer Storage and Recovery (ASR) Class V Permit ("Permit") by the Division of Water Quality ("Division"), the UIC permitting authority. To meet these objectives, this fact sheet contains a description of the permitted facility, a description of the injectate, information on the permitting process, and a statement of basis for permit modifications. This Permit was drafted under UIC permit regulations for Class V injection wells associated with recharge wells used to replenish the water in an aquifer; (R317-7-3(3.5)(F) and 40 CFR §146.5(e)(6) by Utah UIC Director authority as incorporated by R317-7-1(1.8)).

II. Brief Description of the Facility

Leamington proposes an ASR system as an integral part of their public water supply system. The purpose of the recharge and recovery system is to inject treated water from the Upper and Lower Netties, Upper and Lower Narrows, and Black Willow springs in Fool Creek Canyon. The system will use Leamington's drinking water well, which was recently redrilled. The annual injection volume is limited to ½ of the volume of water flowing through the Fool Creek-Leamington Pipeline up to the 0.25 cubic feet per second (112 gallons per minute) water right Leamington has for the springs in Fool Creek Canyon as indicated in the Ground Water Recharge Permit issued by the Utah Division of Water Rights.

III. Site Hydrology

Leamington is located near the mouth of the western flank of the Canyon Mountains on the far eastern side of the Sevier Desert. The structural evolution of the Sevier Desert and Canyon Mountains is typical of eastern Basin and Range valleys, thrusting of older Cambrian rocks over younger Precambrian rocks overlain with Tertiary volcanic material, which was eroded and redeposited by modern alluvial processes. The basin fill aquifer is the only developed aquifer in the Leamington Area of Review. A deeper bedrock aquifer is likely present, but no wells are known to reach it and very little is known about the structure of the bedrock beneath Leamington. The local aquifer system has little interaction with the Great Basin Regional aquifer which occupies the deeper carbonate, sedimentary, and crystalline rocks across the Great Basin.

The City of Leamington sources its water from streams and springs in Fool Creek Canyon, as well as from a drinking water well that targets the basin fill aquifer, deltaic deposits of the Sevier River Lynndyl Bench. While the aquifer has not been officially classified by the State of Utah, the water is generally drinking water quality.

IV. Description of Injectate

The injectate is limited to water from the Upper and Lower Netties, Upper and Lower Narrows, and Black Willow springs in Fool Creek Canyon, which is treated by gas chlorination and stored in the water storage tanks near the well site. The injectate must meet all Federal and State Maximum Contaminant Levels (MCLs) and Groundwater Quality Standards prior to injection. All additives introduced into the stream must meet all Utah Rules for Public Drinking Water systems found in Utah Admin. Code R309-525-11.

V. Information on the Permitting Process

The Class V Permit renewal was prepared by the Division for public notice and public comment according to 40 CFR §144.39, which is incorporated by reference by R317-7-1. The notice will be posted in the Millard County

Chronicle Progress, a newspaper local to Leamington. Public comments will be accepted by the Division for 30 days following the first day of public notice in the local newspaper that serves the affected community.

VI. Statement of Basis for Establishing Permit Conditions

Under Utah Admin. Code R317-7-5(5.1) and Utah Admin. Code R317-7-5(5.5) the Director of the Division ("Director") is authorized to call for a permit for any Class V injection well that may endanger an underground source of drinking water (USDW). The source waters have historically shown the presence of coliform bacteria and the recharge area for the source waters may be subject to spills and to discharge of contaminants (e.g. pesticides, herbicides, fire retardants, etc.), thus it is the determination of the Director that the ASR project and well described above requires a UIC Class V permit. The Utah Underground Injection Control (UIC) Class V permit is based on the following restrictions to ensure compliance with state and federal UIC Program rules and regulations and Utah Ground Water Quality Protection Program rules and regulations.

VII. Summary of Conditions of the Renewal of the ASR Permit

a. Permit Modifications

i. Updated well information

Leamington has recently redrilled their drinking water well. The well log has been replaced and a requirement to properly abandon the old well has been added.

ii. Updated Monitoring Requirements

The previous Permit had inconsistent language regarding the monitoring and reporting schedule. Monitoring reports must be submitted quarterly, and a submission template has been provided.