



# FLORIDA DEPARTMENT OF Environmental Protection

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Tallahassee, FL 32399-2400

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Shawn Hamilton**  
Secretary

**Sent Via Electronic Mail**

May 10, 2022

In the Matter of an Application for Permit by:

Joshua C. Miller  
Utilities Director  
St. Lucie West Services District  
452 SW Utility Drive  
Port St. Lucie, Florida 34986  
[JMiller@slwsd.org](mailto:JMiller@slwsd.org)

DEP UIC Permit No.: 206302-005-UO/1X  
DEP WACS Facility ID: 94184  
County: St. Lucie  
Class I Injection Well System, IW-1  
Operation  
St. Lucie West Services District Water  
Treatment Plant (WTP)

## Notice of Draft Permit

The Department of Environmental Protection hereby provides notice of a draft Underground Injection Control (UIC) permit for the proposed project as detailed in the application. The applicant, St. Lucie West Services District, Joshua C. Miller, Utilities Director, 452 SW Utility Drive, Port St. Lucie, Florida 34986 applied on March 5, 2021, for a permit to operate a Class I injection well. The project is located at the St. Lucie West Services District Water Treatment Plant (WTP), 450 SW Utility Drive, Port St. Lucie, Florida 34986, in St. Lucie County (File No. 206302-005-UO/1X, WACS ID No. 94184).

The facility will operate one, non-hazardous Class I injection well (IW-1) for the disposal of demineralized water concentrate generated by the St. Lucie West Services District Water Treatment Plant (WTP) reverse osmosis treatment process. The source water for the WTP reverse osmosis operation is the Floridan aquifer. The concentrate waste stream has a total dissolved solids concentration of approximately 18,000 milligrams per liter. IW-1 is constructed with a 12¾-inch casing set to 2,695 feet below land surface (bls), a 7⅝-inch tubing set to 2,689 feet bls with a fluid-filled annulus, and total drilled depth of 3,295 feet bls. The maximum permitted injection rate for IW-1 shall be 903 gallons per minute and the maximum permitted injection volume for IW-1 shall be 1.3 million gallons per day. This injection well is monitored by dual-zone monitor well (DZMW-1); which, is completed with an upper monitor zone from 1,614 to 1,664 feet bls and a lower monitor zone from 1,900 to 1,950 feet bls.

**Permittee:** Joshua C. Miller, Utilities Director  
St. Lucie West Services District  
St. Lucie West Services District WTP

**UIC Permit Number:** 206302-005-U0/1X  
**WACS Facility ID:** 94184  
**Date:** May 10, 2022

The Department has permitting jurisdiction under Chapter 403 of the Florida Statutes (F.S.) and the rules adopted thereunder. The project is not exempt from permitting procedures. The Department has determined that an Underground Injection Control permit is required for the proposed work.

Any interested person may submit written comments on the draft permit and may request a public meeting within 30 days after publication of this public notice. A request for a public meeting shall be submitted in writing and shall state the nature of the issues proposed to be raised in the meeting. If a public meeting is later scheduled, there will be another 30-day notice period for that meeting. Written comments or a public meeting request shall be submitted to the Department of Environmental Protection, Aquifer Protection Program, 2600 Blair Stone Road, MS 3530, Tallahassee, Florida 32399-2400, which is the office processing this permit application. All comments received within the 30-day period will be considered in formulation of the Department's final decision regarding permit issuance.

The files associated with this order are available for public inspection during normal business hours, 8 a.m. to 5 p.m., Monday through Friday (except state holidays) at the Department of Environmental Protection, Aquifer Protection Program, and at the Department of Environmental Protection, Southeast District, 3301 Gun Club Road, MSC 7210-1 West Palm Beach, Florida 33406. Any additional information concerning this project may be obtained by contacting Annette G. Roberts, Engineering Specialist III, at 850-245-8576.