

State of Florida
Department of Environmental Protection

Notice of Draft Permit

The Department of Environmental Protection hereby provides notice that it has prepared the draft permit for the proposed project as detailed in the application, subject to the conditions specified in the draft permit and summarized below. The applicant, Manatee County Utilities, Evan Pilachowski, Director, 4410 66th Street West, Bradenton, Florida 34210 applied on November 9, 2021, for a permit to operate six Class V injection wells. The Lake Manatee Aquifer Storage and Recovery (ASR) project is located at the Manatee County Utilities Department Water Treatment Plant (MCUDWTP), 17915 Waterline Road, Bradenton, Florida 34212, in Manatee County (File No. 136590-011-016-UO/5SR, WACS ID No. 94443).

The facility will operate six non-hazardous Class V ASR injection wells B-1, B-2, B-3, B-4, B-5, B-6, and associated monitor wells C-1, D, SZMW-1, and SZMW-2 for the storage, acquisition, and emergency supply of potable water from the MCUDWTP. The maximum injection rate for each injection well B-1, B-2, B-3, B-4, B-5, and B-6, shall be 1,400 gallons per minute (gpm) and the maximum injection volume for each well B-1, B-2, B-3, B-4, B-5, and B-6, shall be 2 million gallons per day (mgd). Injection wells B-1 and B-2 are constructed with 16-inch diameter steel casings set to 399 feet below land surface (bls) and total depth of 700 feet bls. Injection wells B-3, B-4, B-5, and B-6 are all constructed with a 17.4-inch diameter PVC casing set to 399 feet bls and total depths of 650, 663, 650, and 705 feet bls, respectively. Monitor well SZMW-1 and SZMW-2 are completed in the Upper Floridan aquifer from 400 feet to 712 feet bls and from 400 feet to 452 feet bls respectively. Monitoring well C-1 is completed within the Upper Floridan aquifer from 662 feet to 672 feet bls. Monitoring well D is completed in the intermediate aquifer system from 115 feet to 120 feet bls. The system is designed to provide a 180-day, 10 mgd emergency water supply and a 120-day, 10 mgd operational supply. The injected water will meet all primary and secondary drinking water standards.

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, Southwest District, and at the Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, FL 32399-2400. Any additional information concerning this project may be obtained by contacting Gene Honeycutt, Professional Geologist II, at 850-245-8848.