

POLK COUNTY DEVELOPMENT REVIEW COMMITTEE CASE OVERVIEW

Sign ID #: 137

DRC Date:	August 15, 2024
Planning Commission Date:	October 2, 2024
BoCC Dates:	N/A
Applicant:	Polk Regional Water Cooperative
Level of Review:	Level 3 Review, Conditional Use
Case Number and Name:	LDCU-2024-27 PRWC Water Treatment Plant and 7 Well Sites
Request:	Conditional use approval of a 30 MGD potable water production facility, two ground storage tanks, and seven Lower Floridan Aquifer raw water wells.
Location:	The facility is at 630 Boy Scout Road, north of State Road 60, in Section 8, Township 30, Range 29. Two wells are located on the north side of County Road 630, west of Walk-in-Water Road, in section 20 and 21, Township 31, Range 29. One Well is on the west side of Walk-in-Water Road, south of Dixie Street, north of Mary Moser Lane in Section 5, Township 31, Range 29. One Well is on the east side of Walk-in-Water Road, north of Dixie Street in Section 32, Township 30, Range 29. Another well is on the west side of Lake Walk-in-Water Road, south of Wakeford Road in Section 32, Township 30, Range 29. One will be located on the east side of Lake Walk-in-Water Road, either north or south of Cypresswood Drive in Section 29, Township 30, Range 29. One is on the southeast corner of Lake Walk-in-Water Road and State Road 60 in Section 8, Township 30, Range 29.
Property Owner:	Polk Regional Water Cooperative
Parcel Number (Size):	±30 acres (293008-000000-033020 & 033010) Treatment Facility ±6 acres (293121-000000-041010 & 293120-000000-021010) ±1.2 acres (293105-0000000-31140) ±0.5 acres (293032-993000-000181) ±0.77 acres (293032000000032080) ±0.97 acres (293029-992880-011010, 011020, 012010, & 012020) ±56.7 acres (293008-000000-042010)
Development Area:	Rural Development Area (TSDA)
Future Land Use:	Institutional-1 (INST-1), Agricultural/Residential Rural (A/RR)
Case Planner:	Erik Peterson, AICP

In the wake of limitations discovered in the County’s primary water source, the Upper Floridan Aquifer, the Polk Regional Water Cooperative (PRWC) was formed in 2017 to proactively identify alternative water sources and projects that will protect and sustain our future regional water supply. Oversight of PRWC is solely in the hands of the elected officials from the sixteen Polk County member governments.

The first project to advance this goal is the Southeast WPF and wellfield program. The goal of this project is to utilize the brackish, Lower Floridan Aquifer (LFA) in Southeast Polk County as a “non-traditional” water supply. After treatment via reverse osmosis, will deliver up to 12.5 million gallons per day (MGD) of high-quality drinking water to the member governments. As master planned, this project will eventually deliver up to 30 MGD of high-quality potable water to member governments. The first phase of construction, expected to begin in late 2024, will consist of a 7.5 MGD reverse osmosis treatment facility, 5 to 7 raw water wells, and 61 miles of transmission pipeline. An enhanced case overview with specific well site maps is available by contacting Planning Customer Service at 863-534-6084 or PlannierOnCall@polk-county.net