

**City of Ocala  
Water Treatment Plant #2 Phased Improvements**

Phases	Phase Duration	Description	Components	Water Supply	Total Cost
1	June 2019 - September 2020	Lower Floridan Wells	(3) 24-inch diameter production wells, each with a five million gallon per day (mgd) capacity	N/A	\$2,411,250
2	June 2020 - September 2021	Pumps, motors and VFDs	(3) 150 horse power (HP) pumps; 3 motors; 3 control panel with variable frequency drive (VFD).	N/A	\$480,000
3	June 2021 - September 2022	Ground Storage tank, Upper Floridan Well, Pump, Motor and VFD	(1) 2,000,000 gallon storage tanks; 1 UFA well (1) 150 horse power (HP) pump; 1 motor; 1 control panel with variable frequency drive (VFD).	Includes blending of potable water with LFA water in storage tank prior to sending out for potable use. ~0.25 MGD	\$4,215,900
4	June 2022 - September 2023	HSP Building and Pumps	1 Large HSP; 2 Jockey HSP; HSP Building; Associated Equipment	Includes blending of potable water with LFA water in storage tank prior to sending out for potable use. ~0.25 MGD	\$3,985,600
5	June 2023 - September 2024	Concentrate Transmission Pipe; Concentrate Storage Tank; & Emergency Generator	19,000 LF of 12" Conc. Transmission Main; 2.0 MG Concentrate GST; Emergency Generator; Associated Equip.	Includes concentrate transfer piping for 3 NF Trains' capacity; and Emergency Generator	\$12,503,867
6	June 2024 - September 2026	NF Membrane Treatment Train #1	1 NF Train (2.5 MGD); 2 Cartridge Filters; 2 NF Feed Pumps; Clearwell/ Transfer Pump Station; 2 Degasifiers; 1 Odor Scrubber; Associated Equipment	Includes 2.5 MGD of LFA produced water blended with Well #6 and/or Well #11. Total water generated ~3 MGD available.	\$11,526,250
7	June 2026 - September 2027	NF Membrane Treatment Train #2 & 2.0 MG Ground Storage Tank	2.0 MG GST; 1 NF Train (2.5 MGD); 1 Cartridge Filter; 1 NF Feed Pump; Associated Equipment	MGD of LFA produced water (5.0 MGD total) blended with Well #6 and/or Well # 11. Total water generated ~6.0	\$8,856,750
8	June 2028 - September 2029	NF Membrane Treatment Train #3	1 NF Train (2.5 MGD); 1 NF Feed Pump; 1 Degassifier; 1 Odor Scrubber; Associated Equipment	Includes an additional 2.5 MGD of LFA produced water (7.5 MGD total) blended with Well #6 and/or Well # 11. Total water generated ~9.0 MGD available.	\$6,662,750
Total Estimate for 7.5 MGD LFA Produced Water					\$50,642,367