

Seniors Working Together – Oak Run Monthly Update July 2025

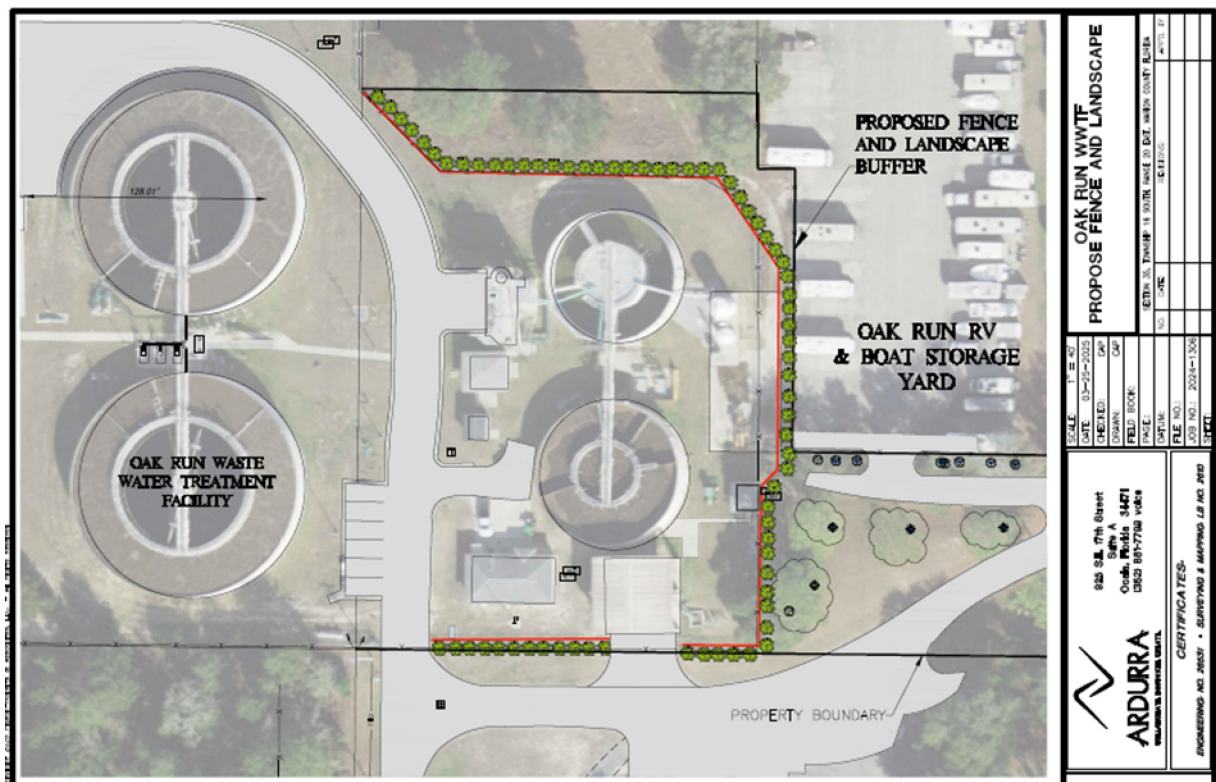
We are continuing to implement improvements that are resulting in significant progress in mitigating the primary nuisances. The items below are not comprehensive of all the work and progress completed, but is focused on activities since the last update.

I. The June update focused on the following:

- a. Scheduling expansion design review with Neal Rehuse - COMPLETED
- b. Odor reduction and FDEP coordination – COMPLETED
- c. Launching the Chemical Injection Pilot – COMPLETED
- d. Replacing the Blower valves – COMPLETED (great improvement)
- e. Site Screening Design – UNDERWAY

II. Site screening

- a. Funding: On July 15th, 2025, the Board of County Commissioners approved reallocating funds in the Capital Improvement Plan to construct the treatment plant screening including fencing, vegetation and berming.
- b. Design and permitting is underway

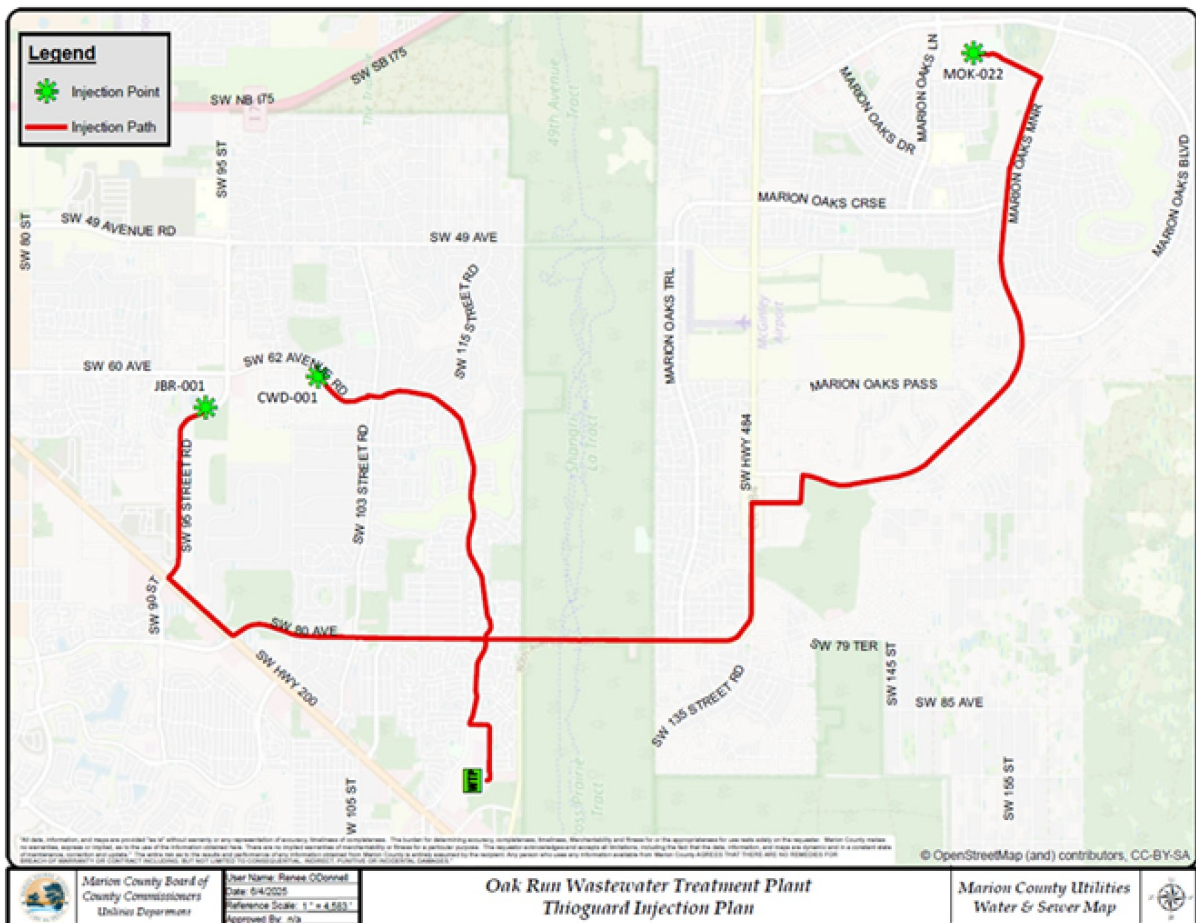


III. Chemical Injection

- a. Installation

- i. MCU received Board of County Commissioners approval to utilize Premier Magnesia on May 20th, 2025, issued a Purchase Order (PO) to Premier Magnesia on June 2nd, 2025 and installed tanks and equipment by mid-June. The system was connected, Premier Magnesia delivered the chemical, the equipment was started up and the utility team was trained on the equipment. The utility began collecting odor levels prior to the chemical injection for comparison to data after chemical was injected into the collection system.

The chemical injection pilot is underway and consists of injecting three Magnesium Hydroxide at three locations upstream of the Oak Run neighborhood and Water Reclamation Facility (see map below for injection locations).



b. Preliminary Results

- i. Premier Magnesia is conducting odor sampling as part of the pilot project. MCU anticipate results from the pilot in 2 – 4 weeks.

- ii. MCU collected preliminary data beginning at the end of June/beginning of July comparing odor levels in the collection system before and after chemical injection.
- iii. Initial findings demonstrate a significant decrease in H₂S levels, greater than 75% reduction.

IV. Plant Expansion

- a. MCU staff are working with Ardurra, the design engineer, to develop the scope and conceptual plan for the plant expansion.
- b. MCU staff met with Neal Rehse on Wednesday, July 2nd, 2025, to review the conceptual plan (shown below) and answer questions, etc.

