



**CAO Quarterly Report
Melbourne Wastewater Treatment Plant
Permit Number: AR00020036, AFIN:33-00026**

Following is a report on the compliance efforts of the above referenced facility for the fourth quarter of 2022:

Discharge Violations

During the last quarter of 2022, the facility has experienced the following discharge violations:

Fecal Coliform, Monthly Average	1 violation
Fecal Coliform, 7 Day Average	0 violations
Total Residual Chlorine	1 violations
Nitrogen, Ammonia, 7 Day Average	0 violation

The above violations were discussed with the operator. The Fecal/TRC violations are a balancing act for the facility, if they do not use enough chlorine, TRC is in, but the fecal busts limits and if they over chlorinate, Fecal is in and TRC busts. A facility upgrade design is underway that will change the disinfection from chlorine to UV. This will address both issues.

Violations are down from previous quarter and staff is monitoring the discharge closer.

SSES

Wet conditions prevented any progress on smoke testing.

Rehab/Upgrade Project

Design is underway. Project scope adjusted from requests from staff. Funding approval continued with USDA.

James Dreher
Staff Engineer