



**Withlacoochee WPCP STANDARD OPERATING PROCEDURE (SOP):
PLANT OPERATIONS/EQUIPMENT INSPECTION ROUNDS**

Issue Date: 4/2018 Revision: 2 Review Frequency: Annual

Hypochlorite Pumps: Check hypochlorite tank and pumps for leaks; ensure pumps are pumping correctly and pressure readings are okay.

Solids Handling Building: Check the operation of the Gravity Belt Thickener (GBT) and Belt Press if running. Check electrical room for alarms, temperature.

Effluent Flume: Check effluent composite sampler, ensure correct sampling program running and Check inside temperature and record; Check the sodium bi-sulfate (SBS) dispenser manifold for proper operation, ensure all instrumentation on HACH SC-200 controller working properly; Check SBS pumps, piping and tank for proper operation and leaks.

Plant Sampling/Process Sampling:

All sampling performed in accordance with NPDES Permit and Withlacoochee WPCP Sampling Plan.

4.0 EMERGENCY CALLOUT

1. If an issue (alarms, power outage, equipment failure, substantial flow increases/decreases or other concerns) arises at treatment plant during normal hours (night, weekends, or holidays) operator to contact Plant Superintendent, Assistant Superintendent and or Plant Maintenance Supervisor.
2. Plant Superintendent, Asst. Superintendent or Maintenance Supervisor will come to plant and assess emergency/issue and take necessary actions. **(Refer to Withlacoochee WPCP Operations Emergency Response Plan.)**

5.0 CORRECTIVE ACTIONS

EQUIPMENT MAINTENANCE/REPAIR:

The Central Maintenance Division provides specialized scheduled maintenance and repairs at WW treatment plants, WW lift station, and associated mechanical and electrical equipment as well as control systems for optimal operations. Continual preventive and predictive maintenance achieved through the use of a Computer Maintenance Management System (CMMS) which ensures proper operation and early detection of any problems. With the CMMS database of information, Central Maintenance is able to consistently perform preventive and predictive maintenance on schedule to maximize reliability and meet all regulatory requirements and expectations.

Central Maintenance Division Maintenance Supervisor and Maintenance Tech assigned to treatment plant responsible for performing any required or requested equipment maintenance. If needed, other maintenance personnel assist.

Emergency repairs:

If emergency situation occurs, refer to Mud Creek WPCP ERP, 3.2 Incident-Specific Response Procedures.