

SUMMARY PAGE

Name of Facility: City of Ray City – Ray City WPCP

NPDES Permit No.: GA0033553

This is a reissuance of the NPDES permit for the Ray City WPCP. Up to 0.1 MGD (monthly average) of treated domestic wastewater is discharged to Cat Creek in the Suwannee River Basin. The permit expires on June 30, 2022 and became administratively extended. The permit was placed on public notice from XXXX to XXXXX.

Please Note The Following Changes to the Proposed NPDES Permit From The Existing Permit:

Part I.B – Effluent Limitations and Monitoring Requirements:

- Revised outfall coordinates to correct a topographic error.
- Converted mass loading limits from kg/day to lbs/day to be consistent with other NPDES permits in Georgia.
- Reduced monthly average five-day biochemical oxygen demand from 30 mg/L to 15 mg/L to meet Water Quality Standards for Dissolved Oxygen in the receiving stream along with a 36-month compliance schedule.
- Reduced monthly average TSS limit from 90 to 30 mg/L in accordance with EPD's *Guidelines for Establishing Technology-Based Total Suspended Solids (TSS) Limits in Domestic Wastewater NPDES Permits, 2020* along with a 36-month compliance schedule
- Increased orthophosphate, organic nitrogen, nitrate-nitrite and total Kjeldahl nitrogen monitoring from quarterly to monthly in accordance with EPD monitoring requirements guidelines.
- Added a monthly average ammonia limit of 5.2 mg/L to meet instream water quality standards for dissolved oxygen in the receiving stream, along with a 36-month compliance schedule. The proposed limit is also in accordance with EPD's *NPDES Permitting Strategy for Addressing Ammonia Toxicity*.
- Added annual average and monthly average total nitrogen limits of 20 mg/L and 25 mg/L, respectively, to meet Florida's instream TN criteria at the Florida-Georgia state-line. A 36-month compliance schedule to meet the new limit has been included in the draft permit.
- Added a monthly average total phosphorus limit of 5.0 mg/L to meet Florida's instream TP criteria at the Florida-Georgia state-line. A 36-month compliance schedule to meet the new limit has been included in the draft permit.
- Added a daily minimum dissolved oxygen limit of 6.0 mg/L to be protective of instream water quality standards for dissolved oxygen. A 36-month compliance schedule to meet the new limit has been included in the draft permit.
- Revised the total residual chlorine limit from 0.011 mg/L to 0.02 mg/L based on updated stream flow information.
- Removed the completed pH Compliance Schedule.