

# Preliminary Results of Continuous Water Quality Monitoring in the Ogeechee River

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**Abstract.** In 2013, a Consent Decree between King America Finishing and Georgia Environmental Protection Division resulted in the funding of several Supplemental Environmental Projects (SEPs) aimed at benefitting the health of the Ogeechee River. As part of one of these SEPs, beginning in July 2014, we installed five continuous water quality monitoring stations within a 135-mile reach of the Ogeechee River mainstem that will be operated and maintained for a minimum of three years. Each of these monitoring stations provided web-accessible data on water temperature, specific conductance, pH, and dissolved oxygen levels as measured at 15-minute intervals. Based on data collected thus far, water temperature and conductivity generally increased in the downstream direction. Dissolved oxygen decreased in the downstream direction, with the lowest levels measured at the tidally-influenced site at US Highway 17.