

# **TMDL IMPLEMENTATION PLAN FOR BUTLER CREEK**

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## **INTRODUCTION**

Butler Creek is located in the Savannah River Basin in Richmond County near the City of Augusta.

Butler Creek was placed on the 303(d) list for low dissolved oxygen concentration. The primary pollutant source is oxygen consuming material in the form of carbonaceous biochemical oxygen demand (CBOD) and nitrogenous biochemical oxygen demand (NBOD) originating from the Augusta-Butler Creek WPCP and the DSM Chemical's Augusta plant.

## **PLAN FOR TMDL IMPLEMENTATION**

Revised effluent limits of 168.3 lbs/day CBOD<sub>5</sub>, 56.1lbs/day ammonia (NH<sub>3</sub>N) and a dissolved oxygen of 5.0 mg/l are being added to DSM Chemical's NPDES permit (GA0002160). The permit will contain a compliance schedule to meet the revised limits.

## **MONITORING PLAN**

The NPDES permit requires monitoring of effluent CBOD, ammonia and dissolved oxygen.