

WE SOLVE ODOR!

Take Back Control Of Odors At Your Facility
Increase Plant Capacity / Reduce Operating Costs



MUNICIPAL WASTEWATER TREATMENT

NORTH CAROLINA WASTEWATER TREATMENT PLANT



The Challenge/Problem

A North Carolina municipal wastewater plant with a flow of 60 MGD was struggling with excessive sludge production, plant upsets associated with variable influent loading, and rising odor complaints within the plant. Plant operators were seeking to achieve the following objectives:

- Reduce sludge generation rates
- Improve effluent quality related to BOD, TSS, NH3, and P
- Significantly reduce odor impacts to worker and neighbors

SciCorp Treatment Plan and Execution

SciCorp engineers partnered with plant operators to identify a BIOLOGIC™ SR2 treatment program designed to achieve the treatment objectives identified by the WWTP.

- ✓ SciCorp began dosing the sludge and the headworks of the WWTP with BIOLOGIC™ SR2

Success

After a 60 day trial, the data collected by the wastewater treatment plant demonstrated that SciCorp achieved significant benefits for the WWTP.

Including:

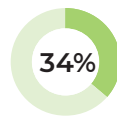
- | Elimination of consistent plant upsets
- | Elimination of odors throughout the plant



Reduction in TSS concentrations in effluent



Decrease in ammonia (NH3) concentrations in effluent



Reduction of sludge produced (annual costs savings + \$250,000)

Issues Avoided

As a result of this trial SciCorp demonstrated that the WWTP was able to avoid:

- Excessive operation costs
- Effluent fines and compliance problems
- Odor complaints
- Plant upsets

[www.SCIcorp.NET](http://www.scicorp.net)

Contact our Engineers:

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