



CASE STUDY

CLEVELAND, GA PHOSPHOROUS REMOVAL

PROBLEM

The traditional wastewater treatment system was unable to meet the phosphorus discharge limit reliably.

SOLUTION

AST implemented a PAC dosing system and a HPPG 10 to filter the waste stream. The HPPG 10 mechanically filtered the coagulated and flocculated phosphorus particles.

RESULTS

The downstream discharge showed phosphorus limits were within the discharge standard. The unit produced consolidated and thickened sludge for release.



System Benefits:

- High efficiency
- Low O&M
- Automated Non Mechanical Backwash
- Simultaneous Mechanical and Biological Filtration

System Applications:

- Municipal and Industrial Wastewater
- High Strength Wastewater
- Pristine Polishing

INNOVATION | SIMPLICITY | MULTI-FUNCTION

If you have questions about AST's filtration systems or you would like to learn how we can help with your filtration needs, please call us at **1 (504) 837-5575**. We would be happy to help you size a system of your own.

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