



Description

The construction of upgrades and modifications to an existing municipal sewer treatment system including; control building (CB), preliminary treatment building (PTB), pump station, lagoons, reed beds, clarifiers, process piping, fixed mount photovoltaic, controls, plumbing, heating, cooling, ventilation, electrical, paving, restoration and miscellaneous improvements located in Bloomingdale, New York, Town of St. Armand.

Special Notes of Interest:

The Town of St. Armand has experienced treatment level violations for years at the existing wastewater treatment plant. This project will increase the treatment level so the Town can meet permit limits. A significant amount of new treatment equipment has been added, and although this new equipment could use significantly more energy than the old plant, because of energy efficient features such as, variable frequency drives and a 29-kW photovoltaic array, the energy usage for the new plant is projected to be nearly the same as the existing wastewater treatment plant.

Owner: Town of St. Armand
1702 NYS Rt. 3, PO Box 338
Bloomingdale, NY 12913

Project Costs: \$5,405,671.00

Prime Contracts: Four

Project Completion: November 2015

Funding Source(s):

- NYS Environmental Facilities Corporation
Clean Water State Revolving Fund
- Empire State Development

Regulatory Agencies:

NYS Department of Environmental Conservation
NYS Environmental Facilities Corporation
NYS Department of Health
Adirondack Park Agency
Army Corps of Engineers

AES Team:

Todd C. Hodgson, PE, Design Engineer, Principal-In-Charge
Erin Allison, Project Manager/Architectural Designer
Jennifer Weeks, EIT, Wastewater Process Designer
Gregory Swart, EIT, Site/Civil Designer
Nathan Bull, PE, MEP Design Manager
Bradley Park, Engineer Tech II, MEP Designer
James E. Dougan, Construction Manager