

MAYO WATER RECLAMATION FACILITY EXPANSION

Background

The Mayo plant was built in 1988 to meet existing community wastewater needs. An expansion module was added in 1995 to serve new residents as the community grew. The Mayo plant is different from the County's other six wastewater treatment plants, since each home or business in the Mayo sewer service area has an on-site septic tank that preliminarily treats wastewater before it is pumped into the sewer mains and transported to the Mayo plant located off Loch Haven Road. The plant cleans, treats and recycles water which is then released to the Chesapeake Bay at the mouth of the Rhode River. The current system, which uses re-circulating sand filters and man-made wetlands to remove pollutants from the water is costly to operate. The operational and maintenance expenses are more than three times as much per gallon as other county facilities to meet the same environmental standards. The proposed project will use a new, cost-effective technology to produce cleaner water at less expense. The project will also abandon the Glebe Heights system and pipe wastewater directly to the Mayo plant. DPW worked with the Edgewater/Mayo Citizen Advisory Committee, chaired by Dr. Lloyd Lewis, for a year during the preliminary planning and design phases. DPW continues to keep community representatives up to date on project progress.



Benefits

- Provide more cost effective treatment by increasing efficiency while decreasing operational and maintenance costs
- Provide adequate capacity for projected community wastewater needs
- Insure continual release of environmentally safe cleaned and treated water back into Bay

PROJECT STATUS

Discussions with the Maryland Department of the Environment underway.

Project Information

Project Manager	Sharon Cole (410) 222-7976
Design Consultant	Stearns & Wheler, LLC
Contractor	To Be Selected
Inspection Manager	Construction Dynamics Group
Projected Project Cost	\$17,570,000
Design Notice to Proceed	October 1999
Construction Notice to Proceed	September 2007
Projected Completion Date	September 2009

For more information contact Customer Relations at 410-222-7582 or email us at customer@aacounty.org