

**G FUND CAPITAL PROJECTS:
Sewer District**

North & South Plant Final Effluent Disinfection Rehabilitation and Upgrade

This project will construct disinfection facilities at both plants to disinfect treated wastewater before being discharged into the Hudson River. Removing bacteria and pathogens from wastewater will enhance the water quality of the Hudson River. The project, with a useful life of 30 years, began in June 2007 and will be completed in May 2009. The estimated cost of \$9,400,000 will be financed primarily through bond issue from the Environmental Facilities Corporation. Cost for the project will also be offset with aid from the New York State Environmental Protection Fund, NYSERDA and an appropriation from the District's Undesignated Fund Balance.

Amended Project: Change in schedule

Project Financing (in millions of dollars)

Year	Pre 2008	2008	2009	2010	2011	2012	2013	Total
Appropriation		-	0.500	-	-	-	-	0.500
County Bonds		-	-	-	8.051	-	-	8.051
State Aid	0.12	-	0.729	-	-	-	-	0.849
Total Cost	0.12	-	1.229	-	8.051	-	-	9.400

Waste Water Recovery / On Site Electric Generation

This project will install a system that will capture waste heat generated by the North Plant incinerators. The recovered energy would run a turbine that would reduce electricity consumption between 40 and 75 percent. The project is scheduled to begin in April 2007 and will be completed in June 2010. This \$5,500,000 project has a useful life of 20 years and will be financed primarily through bond issue along with State Aid via NYSERDA. The Sewer District will also use funding from the Undesignated Fund Balance for some of the construction costs associated with the project.

Amended Project: Change in source of funds

Project Financing (in millions of dollars)

Year	Pre 2008	2008	2009	2010	2011	2012	2013	Total
Appropriation		0.387	-	-	-	-	-	0.387
County Bonds		-	1.000	2.075	-	-	-	3.075
State Aid		2.040	-	-	-	-	-	2.040
Total Cost		2.427	1.000	2.075	-	-	-	5.502

Sewer District Capital Plan Summary

New Projects – 0

Amended Projects - 3

Existing Projects - 0

Project Financing (in millions of dollars)

Year	Pre 2008	2008	2009	2010	2011	2012	2013	Total
Appropriation	-	0.387	1.090	0.590	-	-	-	2.067
County Bonds	-	-	1.000	2.075	8.051	-	-	11.126
State Aid	0.12	2.040	0.729	-	-	-	-	2.889
Total Cost	0.120	2.427	2.819	2.665	8.051	-	-	16.082