



Wastewater Funding

Clean Water Advisory Council Workshop

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Financial Assistance Branch

DNREC, Division of Water Resources



Wastewater Funding

Wastewater Utilities and Rates

Prioritization of Projects

Funding Sources for Capital Projects

Funding Needs



Wastewater Funding

Publicly Owned Treatment Works

3 county operated

19 municipal operated

1 authority operated

23 total



Wastewater Funding

- 23 POTWs provide collection and conveyance
- 14 POTWs provide collection, conveyance, treatment, and disposal
- 9 POTWs provide treatment and disposal for another POTW



Wastewater User Rates

Affordable User Rate: Any user rate less than 1½% of the median household income (MHI) for the community for which the rate applies.

Affordability Ratio: User rate divided by median household income. Must be less than 1.5 to be considered affordable.



2004 - Wastewater User Rates

		<u>\$/yr</u>	<u>AR</u>
New Castle -	Highest	291	0.75
	Lowest	202	0.44
Kent -	Highest	463	1.16
	Lowest	227	0.50
Sussex -	Highest	1,082	1.89
	Lowest	236	0.32



Annual Project Priority List

- I. Water Quality Protection
- II. Targeted Waterbodies
- III. Wastewater Facility Priorities
- IV. Strategies for State Policies and Spending



Wastewater Utility Projects

Eligible Projects:

publicly owned wastewater treatment works; or

implement the State's Non-Point Source management plan; or

implement an of estuary management plan



Wastewater Utility Projects

Eligible Costs:

planning and design

equipment and construction

Ineligible Cost:

operations and maintenance



Wastewater Utility Project Funding

Sources of funding for wastewater facility projects:

Federal

State

Local

Private



Wastewater Utility Project Funding

Federal Sources

Clean Water State Revolving Fund -
\$122.1 million - 1989-2006

State and Tribal Assistance Grants -
\$8 million over 5 years

USDA – approximately \$6 million/year

HUD – limited



Wastewater Utility Project Funding

State Sources

Clean Water State Matching Fund -
\$24.4 million - 1989-2006

21st Century Fund, Wastewater
Management Account -
\$56.6 million – 1996-2006



Wastewater Utility Project Funding

Local Sources

User Rates

Connection/Tapping Fees

Impact Fees

Taxes

Bank Loans

Bonds

Private/Developer Contributions



Wastewater Utility Project Funding

Funding 1989 - 2006

CWSRF	\$180.5 mil
STAG	\$ 8.0 mil
21 st CF/WMA	\$ 56.6 mil
USDA/RUS	<u>\$ 60.0 mil</u>
Total	\$305.1 mil



Wastewater Funding Needs

Funding Needed 2007-2011:

2005 Needs Survey	\$381.2 mil
2006 PPL	\$ 12.0 mil
2007 PPL	\$127.1 mil
Projects Funded	<u>- \$101.7 mil</u>
Total	\$418.6 mil



FY 2007 Project Priority List

Rank	Year of Inception	Priority Points	Community	Description of Project	Estimated Project Cost
1	2007	70.0	State-Wide	Non-Point Source Programs	\$ 1,500,000
2	2007	66.6	Delmar, Town of	Wastewater Treatment Plant - Enhanced Nutrient Removal	\$ 4,053,600
3	2007	45.0	Bridgeville, Town of	Hydrogeologic Study - Wheatly Property	\$ 568,228
4	2007	41.5	Bridgeville, Town of	Inflow & Infiltration Removal	\$ 726,772
5	2007	39.7	Smyrna, Town of	Septic elimination in growth areas	\$ 2,500,000
6	2007	35.0	Georgetown, Town of	Meadows FM & influent screen at Stevenson Lane WWTP	\$ 487,818
7	2007	32.5	Georgetown, Town of	Golf Village collection system	\$ 784,227
8	2007	32.4	New Castle County	Bridleshire Farms septic elimination	\$ 2,514,000
9	2007	16.6	Kent County	Pickering Beach sewer system	\$ 1,135,000



FY 2007 Project Priority List

10	2008	75.0	Sussex County	Angola Neck Sanitary Sewer District	\$ 22,000,000
11	2008	70.0	State-Wide	Non-Point Source Programs	\$ 1,500,000
12	2008	63.7	Georgetown, Town of	Spray Irrigation Augmentation & other disposal options	\$ 4,535,000
13	2008	45.0	Sussex County	Inland Bays Regional WWF treatment & disposal expansion	\$ 20,000,000
14	2008	45.0	Sussex County	Wolfe Neck Regional Wastewater Facility expansion	\$ 20,000,000
15	2008	39.7	Smyrna, Town of	Septic elimination in growth areas	\$ 10,000,000
16	2008	35.0	Delmar, Town of	Inflow & Infiltration investigation & repair	\$ 333,730
17	2008	35.0	Newark, City of	Manhole and pipe rehab in stream beds	\$ 2,550,000
18	2008	20.0	New Castle County	Bringhurst Woods Interceptor	\$ 1,050,000
19	2008	20.0	New Castle County	Governor Printz Interceptor	\$ 2,250,000



FY 2007 Project Priority List

20	2009	70.0	State-Wide	Non-Point Source Programs	\$ 1,500,000
21	2009	62.9	Sussex County	Johnson's Corner SSD	\$ 6,000,000
22	2010	82.4	Rehoboth, City of	Ocean Outfall/L-R Canal Point Discharge Elimination	\$ 36,600,000
23	2010	70.0	State-Wide	Non-Point Source Programs	\$ 1,500,000



Questions?