



State of Delaware

Water Pollution Control Revolving Fund

**Revised Fiscal Year 2016 Project Priority
List**

prepared by the

**Department of Natural Resources and Environmental
Control**

Office of the Secretary

Environmental Finance

November 2016

Revised FY 2016 PROJECT PRIORITY LIST
for the
DELAWARE WATER POLLUTION CONTROL REVOLVING FUND

I. NARRATIVE

This Revised Fiscal Year 2016 Project Priority List (PPL) is the twenty-ninth prepared for the Delaware Water Pollution Control Revolving Fund (WPCRF). The Secretary of the Department of Natural Resources and Environmental Control (DNREC) is empowered to administer the WPCRF in accordance with the requirements set forth in Title VI of the Federal Clean Water Act (CWA) as amended by the Water Quality Act of 1987, and by 29 Del C., Chapter 80, §8003.

The preparation of the PPL is a semi-annual function specified in the WPCRF Operating Agreement between the DNREC and the USEPA, Region III. This is the second PPL prepared for FY 2016. After various meetings with municipalities, it was evident that two solicitations of project needs were necessary to ensure all potential CWSRF applicants are able to submit their project funding requests. This Revised PPL will be submitted to the U.S. EPA in November 2016.

A public hearing in accordance with the provision of 29 Del C. Chapter 80, §8003(11)(d)(2) was publicly noticed. Newspaper notices were posted in the Delaware News Journal and Delaware State News on October 16, 2016 informing the public of a Public Hearing to be held on October 19, 2016 to receive public comment on the PPL and Revised Intended Use Plan (IUP). A Press Release on October 14, 2016 was also posted to DNREC's web site informing the public of the Public Hearing. The Water Infrastructure Advisory Council will meet on October 19, 2016, to review, approve, and recommend the PPL and IUP; subject to no adverse public comments received by November 21, 2016 no comments were received.

II. WPCRF PROGRAM

The first step in the preparation of this PPL was the filing of Project Notices-of-Intent (NOIs) by eligible applicants. On December 7, 2015 a CWSRF – DWSRF Workshop was held to provide a detailed overview of the respective programs; and to inform municipalities, private businesses, consulting engineering firms, non-profits, and other interested parties of the need to submit NOIs for the PPL process by February 29, 2015. Based upon the responses received, the PPL was developed. The procedure for preparing the PPL is established in the Standard Operating Procedures for the Delaware Water Pollution Control Revolving Loan Fund. The PPL establishes a ranking of the projects that may be funded. Requested project assistance from this PPL will be funded in part from a FY2016 Federal Capitalization Grant. The Draft IUP identifies which projects may be funded.

Twenty-Nine (29) NOIs totaling \$114.6 million were received from both solicitations. Approximately \$1.5 million is allotted for approved Expanded Use programs (septic system remediation, agricultural non-point source projects, removal of leaking underground storage tanks, and nutrient management programs). Up to \$5 million may be used to fund property easement and fee simple land purchases under an approved Land Conservation Loan Program. Funds based on availability may also be used to fund projects under an approved Water Quality Improvement Program.

III. Revised FY 2016 Project Priority Lis

Rank	Year	Priority Points	Applicant / Project Title / Contact	Community/County/Population	Waterbody / NPDES	WPCRF Loan Requested
1	2016	95	State of Delaware Non-Point Source Water Pollution Control Loan Program Jessica Velazquez DNREC/FAB Loan Mgmt. Officer 302-739-9941	Statewide Statewide 897,934	Statewide Non Point Source	\$1,500,000
2	2016	95	Land Conservation Loan Program Terry Deputy DNREC/FAB Administrator 302-739-9941	Statewide Statewide 897,934	Statewide Land Conservation Loan Program	\$5,000,000
3	2016	95	Water Quality Improvement Loan Sponsorship Program Terry Deputy DNREC/FAB Administrator 302-739-9941	Statewide Statewide 897,934	Statewide Water Quality Improvement Loan Sponsorship Program	Unlimited
4	2016	87.5	City of Dover Meeting House Branch Environmental Restoration Kate Mills, E.I.T. Civil Engineer I 302-674-7562	City of Dover Kent 37,540	Delaware Bay & Estuary - St. NPDES Permit No. DE00051161	\$7,600,000
5	2016	78	Sussex County Council Herring Creek - Phase I John J. Ashman Director of Utility Planning 302-855-1299	Sussex County Council Sussex 2,496	Inland Bays - Rehoboth Bay WPCC-3042C-90 (Spray Irrigation)	\$16,664,000
6	2016	60	Sussex County Council Chapel Green/Oak Crest Farms John J. Ashman Director of Utility Planning 302-855-1299	Sussex County Council Sussex 1,365	Inland Bays - Rehoboth Bay WPCC - 3042C - 90 (Spray Irrigation)	\$1,570,000
7	2016	60	New Castle County Department of Special Services Hunter's Ridge Stacy McNatt, P.E. Civil Engineer II 302-395-5878	New Castle County Department New Castle 600,000	Piedmont - White Clay Creek N/A	\$350,000
8	2016	60	New Castle County Department of Special Services Perch Creek Pond #1 Stacy McNatt, P.E. Civil Engineer II 302-395-5878	New Castle County Department New Castle 600,000	Piedmont - Christina River N/A	\$265,000
9	2016	56	Sussex County Council Concord Road Expansion - BLSSD John J. Ashman Director of Utility Planning 302-855-1299	Sussex County Council Sussex 872	Chesapeake Bay - Deep Creek Treated at City of Seaford	\$1,430,000
10	2016	52	Sussex County Council Oak Acres John J. Ashman Director of Utility Planning 302-855-1299	Sussex County Council Sussex 193	Inland Bays - Little Assawoman NPDES-005-0008	\$1,522,000
11	2016	52	Sussex County Council Route 54 Extension John J. Ashman Director of Utility Planning 302-855-1299	Sussex County Council Sussex 137	Inland Bays - Little Assawoman NPDES-0050008 (SCRWF)	\$1,400,000
12	2016	50	Sussex County Council Tanglewood John J. Ashman Director of Utility Planning 302-855-1299	Sussex County Council Sussex 70	Inland Bays - Little Assawoman NPDES-0050008	\$1,261,000

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13	2016	43.8	New Castle County Department of Special Services Delaware City Wastewater Treatment Plant Upgrade Kevin Penozza Civil Engineer II (302) 395-5723	New Castle County Department New Castle 2,621	Delaware Bay & Estuary - NPDES DE0021555	\$4,675,000
14	2016	40	New Castle County Department of Special Services Morningside Stacy McNatt, P.E. Civil Engineer II 302-395-5878	New Castle County Department New Castle 600,000	Piedmont - White Clay Creek N/A	\$250,000
15	2016	35	Town of Smyrna South Main Street Utility Replacement Project David Hugg Town Manager 302-653-9231	Town of Smyrna Kent 2,120	Delaware Bay & Estuary - N/A	\$1,264,000
16	2016	30	New Castle County Department of Special Services White Clay Sanitary Sewer Interceptor Capacity Restoration Project Eric Laramore, P.E. White Clay Sewer System Basin (302) 395-5741	New Castle County Department New Castle 134,737	Piedmont - White Clay Creek N/A	\$2,000,000
17	2016	30	Kent County Levy Court PLANT WIDE BACKUP (EMERGENCY) POWER Diana T. Golt, P.E. Assistant Public Works Director - 302-744-2430	Kent County Levy Court Kent 130,000	Delaware Bay & Estuary - NPDES DE 0020338	\$1,237,400
18	2016	30	Town of Smyrna Kent Way Pump Station Rehabilitation Project David Hugg Town Manager 302-653-9231	Town of Smyrna Kent 430	Delaware Bay & Estuary - N/A	\$890,000
19	2016	25	New Castle County Department of Special Services The Muddy 6 Sanitary Sewer Capacity Improvements Edwin Kuipers, P.E. Assistant County Engineer (302) 395-5738	New Castle County Department New Castle 4,700	Chesapeake Bay - C & D Canal N.A.	\$2,000,000
20	2017	90	City of Wilmington South Wilmington Wetlands Park Mr. Bryan Lennon Assistant Water Division Director (302) 576-3075	City of Wilmington New Castle 70,000	Piedmont - Christina River DE0020320	\$16,739,000
21	2017	58	Sussex County Council Branch, Autumn & Tucks Road - Long Neck John J. Ashman Director of Utility Planning 302-855-1299	Sussex County Council Sussex 340	Inland Bays - Indian River Bay WPCC-3042C-90 (Spray Irrigation)	\$800,000
22	2017	55	City of Dover Walker Woods Pump Station Replacement Winter Wong Civil Engineer (302) 674-7561	City of Dover Kent 286	Delaware Bay & Estuary - St. DE00051161	\$408,000
23	2017	54	Sussex County Council Bethany Forest John J. Ashman Director of Utility Planning 302-855-1299	Sussex County Council Sussex 326	Inland Bays - Indian River NPDES-005-0008	\$2,452,154
24	2017	53	Sussex County Council Mullberry Knoll John J. Ashman Director of Utility Planning 302-855-1299	Sussex County Council Sussex 280	Inland Bays - Rehoboth Bay WPCC-3042C-90	\$2,813,062

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25	2017	51	Sussex County Council Beaver Dam Road Expansion MCSSD John J. Ashman Director of Utility Planning 302-855-1299	Sussex County Council Sussex 196	Inland Bays - Little Assawoman NPDES-005-0008	\$1,570,100
26	2017	50	Kent County Levy Court Air System (Blower) Optimization Project Diana Golt, P.E. Assistant Public Works Director - 302-744-2430	Kent County Levy Court Kent 130,000	Delaware Bay & Estuary - NPDES DE 0020338	\$1,354,110
27	2017	50	Kent County Levy Court Regional Resource Recovery Facility Energy Efficiency Upgrade Diana Golt, P.E. Assistant Public Works Director - 302-744-2430	Kent County Levy Court Kent 38,500,000	Delaware Bay & Estuary - NPDES DE 0020338	\$38,500,000
28	2017	50	City of Dover Delaware Tech Pump Station Replacement Robert LaFountain Civil Engineer I 302-736-7056	City of Dover Kent 185	Delaware Bay & Estuary - St. DE0051161	\$384,000
29	2017	40	City of Dover Lepore Road Sanitary Sewer Upgrade Winter Wong Civil Engineer I (302) 674-7561	City of Dover Kent 400	Delaware Bay & Estuary - St. NPDES DE00051161	\$250,000
30	2018	57	Sussex County Council Joy Beach Expansion of the Angola Neck Sanitary Sewer District John J. Ashman Director of Utility Planning 302-855-1299	Sussex County Council Sussex 630	Inland Bays - Rehoboth Bay WPCC-3042C-90 (Spray Irrigation)	\$4,500,000
31	2018	50	City of Dover Silver Lake Pump Station Replacement Robert LaFountain Civil Engineer I 302-736-7056	City of Dover Kent 193	Delaware Bay & Estuary - St. DE0051161	\$396,000
32	2018	40	City of Dover Tar Ditch Interceptor Kate Mills, E.I.T. Civil Engineer I 302-674-7562	City of Dover Kent 11,621	Delaware Bay & Estuary - St. NPDES Permit No. DE00051161	\$250,000