

# Rhode Island Department of Environmental Management

## Office of Water Resources

### Fiscal Year 2015 Project Priority List

Points	Category	Community	Project Name/Number	Cost (\$)
58	10	Charlestown	Community ISDS Repair Program	\$ 600,000.00
57	10	North Kingstown	NK Community Septic System Loan Program	\$ 300,000.00
56	10	South Kingstown	Community ISDS Repair Program	\$ 1,000,000.00
49	10	Tiverton	C-15-001 Community Septic System Repair Program	\$ 300,000.00
48	4C, 10	Warwick	Community Sewer Tie-in Loan Fund	\$ 150,000.00
46	10	Warwick	Community Septic System Loan Program	\$ 300,000.00
45	5	NBC	Phase II CSO Facilities Program Construction & Management*	\$ 19,931,855.00
45	5	NBC	Phase II CSO Facilities OF 106†*	\$ 5,826,827.00
45	5	NBC	Phase II CSO Facilities OF 027*	\$ 12,390,158.00
45	5	NBC	Phase II CSO Facilities OF 037 - North	\$ 10,835,301.00
45	5	NBC	Phase II CSO Facilities OF 037 - South	\$ 11,489,822.00
45	5	NBC	Phase II CSO Facilities OF 037 - West*	\$ 10,919,533.00
45	5	NBC	Phase II CSO Facilities WCSOI Main*	\$ 78,448,134.00
45	5	NBC	Phase II CSO Facilities SCSOI Main*	\$ 23,305,946.00
45	10	Westerly	Community Septic System Loan Program	\$ 300,000.00
44	10	Glocester	Community Septic System Loan Program	\$ 300,000.00
44	10	Scituate	Implementation of Wastewater Management Plan	\$ 25,000.00
42	10	Narragansett	ISDS Management Program	\$ 250,000.00
42	11, 12	South Kingstown	TMDL Program Implementation	\$ 1,000,000.00
42	11	South Kingstown	Phase II Stormwater Program Compliance	\$ 300,000.00
42	4C	Warwick	Greenwood East Sewer Project: WSA Contract #87A	\$ 14,800,000.00
42	4C	Warwick	Strawberry Field Rd. Sewer Project II: WSA Contract #77A	\$ 961,000.00
42	4C	Warwick	Pilgrim Estates Sewer Project: WSA Contract #90	\$ 4,800,000.00
40	10	New Shoreham	Community Septic System Loan Program	\$ 300,000.00
39	5, 7	NBC	CSO Phase III	\$ 604,654,000.00
37	4C	Warwick	Warwick Neck South Sewer Extension	\$ 13,400,000.00
34	11	Narragansett	Narrow River Water Quality Improvement Project Phase IV	\$ 3,500,000.00
33	4C, 4D	Warwick	Bayside/Longmeadow I Sewer Projec: WSA Contract #86A	\$ 12,000,000.00
32	10	Bristol	On-Site WW Management Plan, Home Owner Loans	\$ 300,000.00
31	4C, 4D	Narragansett	Harbour Island Sewers	\$ 7,585,600.00
31	2	NBC	BP WWTF Nitrogen Removal Facilities*	\$ 42,747,464.00
31	2	Woonsocket	WWTF Improvements	\$ 33,000,000.00
29	2	Cranston	Wastewater Treatment Plant Upgrades	\$ 25,000,000.00
29	1, 4D	North Kingstown	QDC Infrastructure Upgrades	\$ 5,000,000.00
29	2	West Warwick	Phosphorous Removal	\$ 11,500,000.00
28	4C, 10	Bristol	Service Connection Loan Program	\$ 150,000.00
27	4C	Burrillville	Eastern Village Sewers - Contract 19A-3	\$ 2,100,000.00
27	4C, 7	Burrillville	Union/Emerson Sanitary Sewers - Contract 20	\$ 1,100,000.00
27	4C	Burrillville	Expansion of Sanitary Sewer System - Contract 21	\$ 2,100,000.00
27	4C	Burrillville	Eastern Village Sewers - Contract 19C	\$ 2,300,000.00
27	4C, 4D	Burrillville	Eastern Village Sewers - Contract 19B-2 Nasonville	\$ 2,800,000.00
27	3B	Newport	Wellington PS & Force Main Improvements	\$ 5,000,000.00
26	11	Middletown	Easton's Point Sewer Improvements	\$ 3,200,000.00
26	4D	North Kingstown	Newcomb Road Sewer Main Replacement	\$ 600,000.00
26	11	South Kingstown	Replacement Street Sweepers	\$ 300,000.00
26	2	Warwick	City Share of AWT-Phosphorus Upgrade for West Warwick Treatment Plant	\$ 300,000.00
25	7, 4C, 4D	Coventry	Quidnick Village - Contract 8	\$ 4,400,000.00
25	11	Cranston	Storm Drain Upgrades	\$ 1,000,000.00
25	4C, 10	North Kingstown	Community Tie-in Program	\$ 300,000.00
25	4C, 4D	North Kingstown	Post Road North Sewers	\$ 6,600,000.00
25	12	Providence Water Supply Board	Scituate Reservoir Watershed Land Acquisition†*	\$ 10,000,000.00
25	4C, 4D	South Kingstown	Upper Salt Pond Collection System	\$ 2,100,000.00
25	4C, 4D	South Kingstown	Saugatucket Pond (North Road) Sewers	\$ 2,300,000.00
25	4C, 10	Tiverton	C-15-002 Community Sewer Tie-in Program	\$ 300,000.00
25	4C	Tiverton	C-15-003 Ph 1 Sewers - Robert Gray Area 1 Sewers	\$ 1,700,000.00
25	4C	Tiverton	C-15-004 Ph 1 Sewers - Riverside Dr Area Sewers	\$ 16,700,000.00
25	4C	Tiverton	C-15-005 Bay Street Area Sewers	\$ 3,000,000.00

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25	4C	Warwick	O'Donnell Hill (East Natick III) Sewer Extension: WSA Contract 69A	\$ 2,100,000.00
24	11	Barrington	Stormwater Drainage Upgrade/Rehabilitation	\$ 1,500,000.00
24	11	Middletown	Stormwater BMP Retrofit Project (Easton's Bay)	\$ 75,000.00
24	2	Warwick	AWT - Phosphorus / Flood Control (WWTF Upgrades): WSA Contract #91	\$ 21,000,000.00
23	10	Smithfield	Community Septic System Repair Program	\$ 250,000.00
22	11	Cranston	TMDL Implementation - Eutrophic Ponds	\$ 250,000.00
22	4C, 4D	Narragansett	Great Island Sewers	\$ 8,750,300.00
22	1, 7	NBC	BPWWTF Biogas Reuse Energy Project (Design & Construction)†*	\$ 6,085,000.00
21	3A, 3B	Middletown	Town-wide CIPP Slip-lining & Manhole Rehabilitation Annual Program	\$ 200,000.00
21	4C	Warwick	Northwest Gorton Pond Sewer Project: WSA Contract #88	\$ 5,200,000.00
20	3A, 3B	Middletown	Forest Avenue Sewer Relining & Repair	\$ 2,100,000.00
20	4C	Narragansett	Baltimore/Rhode Island Avenue Sewers	\$ 1,409,300.00
20	1	NBC	Regulatory Compliance Building (Design & Construction)	\$ 21,964,220.00
19	11	Newport	Stormwater Infrastructure Improvements	\$ 3,500,000.00
19	1	Newport	WPCF Upgrades	\$ 40,000,000.00
19	1	South Kingstown	SK Regional WWTF Septage Receiving Facilities	\$ 500,000.00
19	4C, 4D	South Kingstown	Curtis Corner Road Interceptor	\$ 2,200,000.00
19	3B	South Kingstown	South Road Interceptor	\$ 1,700,000.00
19	4C, 4D	Westerly	Phased Collection System Expansion	\$ 30,000,000.00
18	10	Cranston	Community ISDS Repair Program	\$ 200,000.00
18	3A, 3B	Middletown	Aquidneck Avenue Sewer Upgrade	\$ 465,000.00
18	3A, 3B	Middletown	O'Neill Boulevard Sewer Improvements	\$ 200,000.00
18	3A, 3B	Middletown	Orangeburg Sewer Main Replacement	\$ 465,000.00
18	5, 3B	NBC	Field's Point Tunnel Pump Station Improvements	\$ 663,000.00
18	4C, 4D	Warwick	Bayside/Longmeadow III Sewer Project: WSA Contract #86C	\$ 5,000,000.00
17	1	Narragansett	Regional WWTF Process Upgrade	\$ 2,408,431.00
17	4C, 4D	North Kingstown	Shore Acres Wastewater Collection System	\$ 6,100,000.00
17	4C, 4D	North Kingstown	Post Road South 2 Sewers	\$ 5,300,000.00
17	8	Richmond	Landfill Closure Cap Compliance	\$ 45,200.00
17	7	South Kingstown	SK Regional WWTF Phase II Hydraulic Expansion	\$ 3,600,000.00
16	3A, 7	East Greenwich	Inflow/Infiltration Analysis	\$ 400,000.00
16	3B	NBC	Douglas Ave./Branch Ave. Interceptor Relief	\$ 6,202,000.00
16	1	South Kingstown	Regional WWTF Replacement Generator	\$ 300,000.00
16	1, 7	South Kingstown	SK Regional WWTF Process Upgrades	\$ 3,700,000.00
16	4C, 4D	Warwick	Bayside/Longmeadow II Sewer Project: WSA Contract #86B	\$ 5,700,000.00
15	6	Barrington	Sewer System Evaluation Study	\$ 1,000,000.00
15	3A, 3B	Barrington	Sewer Line Rehabilitation	\$ 3,500,000.00
15	1	Bristol	WWTF RBCs & Misc. Improvements	\$ 2,000,000.00
15	11	Burrillville	Croff Road Drainage Improvements	\$ 100,000.00
15	3B	Lincoln	Major Pump Station Construction - Angell Rd North, Main St, & Kirkbrae	\$ 1,108,000.00
15	1	Narragansett	Regional WWTF Hydraulic Expansion	\$ 1,966,374.00
15	3B	West Warwick	Clyde Interceptor	\$ 1,400,000.00
14	3A, 3B	Bristol	Sewer Cleaning, TV Inspection & Flow Metering	\$ 100,000.00
14	3B	Newport	Sanitary Sewer Improvements II	\$ 4,000,000.00
14	3B	Newport	Sanitary Sewer Improvements III	\$ 4,000,000.00
14	3B	Newport	Sanitary Sewer Improvements IV	\$ 4,000,000.00
14	4D	North Kingstown	ASQAH Road Sewer Replacement	\$ 600,000.00
14	4C	Warwick	GAPS (Miscellaneous Sewer Extensions)	\$ 2,300,000.00
13	1	Bristol	Replacement of Misc. Compost Equipment	\$ 1,000,000.00
13	7, 4C, 4D	Coventry	Lakeside Area II - Contract 11	\$ 2,300,000.00
13	7, 4C, 4D	Coventry	East Shore Drive & Tiogue School - Contract 10	\$ 4,810,000.00
13	1	Narragansett	Scarborough Wastewater Treatment Facilities Upgrade.	\$ 8,237,000.00
13	1	NBC	Utility Reliability Enhancement for Field's Point Campus	\$ 703,050.00
13	12	NBC	Bucklin Point Solar Energy	\$ 7,495,984.00
13	4C	North Kingstown	Mark Drive Sewers	\$ 3,600,000.00
13	4C	North Kingstown	Pine River Road Sewers	\$ 1,300,000.00
13	4C, 4D	North Kingstown	Wickford Village Phase 1	\$ 4,500,000.00
13	4C, 4D	North Kingstown	Wickford Village (W-1) Subarea Sewers	\$ 15,400,000.00
13	4C, 4D	North Kingstown	Wickford Village (W-2) Subarea Sewers	\$ 11,900,000.00

# Rhode Island Department of Environmental Management

## Office of Water Resources

### Fiscal Year 2015 Project Priority List

13	4C, 4D	North Kingstown	Wickford Village (W-3) Subarea Sewers	\$ 6,900,000.00
13	2, 7	Warren	Wastewater Treatment Facility Improvements	\$ 25,000,000.00
13	4C	Warwick	Governor Francis Farms III Sewer Project: WSA Contract #85B	\$ 4,600,000.00
12	8	Barrington	Landfill #3 Closure	\$ 1,000,000.00
12	8	Barrington	Landfill #4 Closure	\$ 1,000,000.00
12	3B	Barrington	Legion Way Sewer Repair	\$ 500,000.00
12	3B	Barrington	Princes Pond Pump Station Comminutor Modifications	\$ 250,000.00
12	3B	Bristol	Pump Station Improvements: Constitution and Silver Creek	\$ 2,000,000.00
12	3A, 3B	Bristol	Sewer System Repairs	\$ 2,500,000.00
12	3A, 6	Bristol	Inflow Source Removal	\$ 100,000.00
12	1	Burrillville	WWTF - General Improvements and Maintenance Upgrades	\$ 150,000.00
12	3A	Cranston	Inflow & Infiltration Study Implementation	\$ 900,000.00
12	3B	Cranston	System Wide Sewer Repair	\$ 1,400,000.00
12	3A, 6	NBC	NBC Systemwide Inflow Reduction Program	\$ 900,000.00
12	4C, 4D	Smithfield	Lower Sprague Reservoir (Area)- Indian Run Plat, Totem Pole Trail	\$ 5,000,000.00
12	4C	Smithfield	Richard St. and Hazel Point Sewers	\$ 565,000.00
12	4C, 4D	Smithfield	Levesque Dr, Jambray Dr., Dongay Rd, Elna Dr, John Mowry Rd (North) and Brayton Rd. Sewers	\$ 3,450,000.00
12	4C	Smithfield	Highview and Hilldale Estates Sewers	\$ 3,775,000.00
12	4C	Smithfield	Green Lake Dr. and Ruff Stone Dr. Sewers	\$ 855,000.00
12	4C	Smithfield	Friendship Ln., Domin Ave., Potter Ave., Rawson Ave., Sydney St., Myers St., and Ridge Rd Sewers	\$ 1,235,000.00
12	4C	Smithfield	Fanning Lane Sewers	\$ 2,850,000.00
12	4C	Smithfield	Elmgrove Ave. (off Sanderson Rd.) Sewers	\$ 720,000.00
12	4C	Smithfield	North Candy Court Sewers	\$ 160,000.00
12	4C	Smithfield	Austin Ave, Mapleville Road / Colwell Road Sewers	\$ 2,420,000.00
12	4C	Smithfield	Cortland Ln, Baldwin Dr, Kimberly Ann Dr, Crabapple Lane and Christopher Dr. Sewers	\$ 1,500,000.00
11	1	NBC	New IM Facilities	\$ 6,579,000.00
11	1	NBC	BPWWTF UV Disinfection Alternatives	\$ 3,000,000.00
11	1	NBC	Facility Electrical Improvements	\$ 500,000.00
10	3B	Burrillville	Pumping Stations - General Improvements and Maintenance Upgrades	\$ 500,000.00
10	11, 12	East Greenwich	Sewer Jet/ Vac Truck	\$ 350,000.00
10	3A, 3B	Middletown	Upper Easton's Point Sewer Improvements	\$ 4,000,000.00
10	3B	Middletown	Sewer Main Upgrades (Newport/Middletown Line)	\$ 750,000.00
10	3B	Middletown	Marshall Village Pump Station Replacement	\$ 675,000.00
10	6	Middletown	SSES Inflow & Infiltration Investigation	\$ 370,000.00
10	3A, 3B	Middletown	Stockton Drive Collection System	\$ 900,000.00
10	3B	Middletown	Stockton Drive Pump Station Replacement/Removal	\$ 600,000.00
10	3B	NBC	Louisquisset Pike Interceptor Replacement	\$ 2,400,000.00
10	3B	NBC	Interceptor Easements - NBC BVI	\$ 1,376,000.00
10	3B	NBC	NBC Interceptor Easements	\$ 5,432,000.00
10	3B	NBC	Rehabilitation of NBC CSO Interceptors	\$ 6,686,000.00
10	3B	NBC	Providence River Siphon Rehabilitation	\$ 6,000,000.00
10	3B	NBC	Inspection and Cleaning of CSO Interceptors	\$ 3,544,000.00
10	3B	Smithfield	Improvements to Town's Pump Stations	\$ 320,000.00
10	3B	South Kingstown	Kingston Pump Station Replacement Generator	\$ 300,000.00
10	3B	South Kingstown	Silver Lake/Kingston Pump Station Upgrades	\$ 500,000.00
10	3B	Warwick	Main Influent Interceptor Repairs	\$ 800,000.00
10	3B	Warwick	Cedar Swamp Force Main Replacement or Rehab.	\$ 3,000,000.00
10	2	West Warwick	Advanced WWTP Improvements - Clarifier Addition	\$ 4,000,000.00
9	2, 7	Burrillville	Phosphorous Removal - Design, Construction	\$ 4,500,000.00
9	3B	Cranston	Pump Station Safe Capacity Upgrades	\$ 1,400,000.00
9	1	East Greenwich	Rotating Biological Contractors Rehabilitation	\$ 4,200,000.00
9	6	NBC	River Model Development	\$ 468,000.00
9	6	NBC	NBC System-Wide Facilities Planning	\$ 500,000.00
9	6	NBC	Site Specific Study	\$ 457,000.00
9	6	NBC	Municipal Sewer Acquisition Impact Study	\$ 300,000.00
9	1, 3B	New Shoreham	Misc. System Improvements to the Wastewater Treatment Facility & Collection System	\$ 3,000,000.00

# Rhode Island Department of Environmental Management

## Office of Water Resources

### Fiscal Year 2015 Project Priority List

9	2	Smithfield	Smithfield Treatment Plant Upgrades - HVAC	\$ 750,000.00
9	2	Smithfield	Upgrade WWTP's Fire Protection System	\$ 250,000.00
9	3B	Warwick	Flood Hardening of Oakland Beach Pump Station	\$ 150,000.00
9	3B	Warwick	Warwick Vet's Force Main Relocation	\$ 600,000.00
9	3B	Warwick	Flood Hardening of the Knight St. Pump Station	\$ 150,000.00
8	3B	Newport	Railroad Interceptor Replacement/Rehabilitation	\$ 5,000,000.00
8	7	Scituate	Hope Village Sewers	\$ 325,000.00
8	8	Smithfield	Landfill Closure (Ridge Road)	\$ 4,000,000.00
8	3A	West Warwick	I & I Study	\$ 500,000.00
8	11	Woonsocket	Ruby St Permeable Paving	\$ 49,500.00
8	11	Woonsocket	Brier ST Permeable Paving	\$ 26,000.00
7	6	Barrington	GIS Software	\$ 10,000.00
7	3B	Barrington	Vactor Truck	\$ 370,000.00
7	3A, 6	Narragansett	Sand Hill Cove Area I & I Study/Removal	\$ 200,000.00
7	3A, 3B, 6	Narragansett	Pier Area Flow Improvements	\$ 100,000.00
7	3B	Narragansett	Bonnet Shores Pumping Station	\$ 150,000.00
7	3B	Narragansett	Wolf Road Pumping Station	\$ 55,000.00
7	3B	Narragansett	Mettatuxet Pumping Station	\$ 95,000.00
7	6	Narragansett	Lake Canonchet/Little Neck Pond (Beach Pond) Water Quality Analysis	\$ 100,000.00
7	3B	NBC	Interceptor Easements - NBC AVI	\$ 1,408,000.00
7	3B	NBC	Omega Pump Station Rack Room	\$ 800,000.00
7	3B	NBC	Moshassuck Valley Interceptor Replacements	\$ 3,718,000.00
7	3B	NBC	Butler Hospital Sewer Lining OF 027	\$ 344,555.00
7	6, 3A	Smithfield	Smithfield Infiltration & In-Flow Removal - SSES	\$ 1,500,000.00
6	3B	Cranston	Sewer Pump Station Flood Proofing	\$ 500,000.00
5	4C	Woonsocket	Jillson Ave Sewer	\$ 1,163,315.00
5	4C	Woonsocket	Beausoleil & Mendon Sewer	\$ 363,149.00
5	4C	Woonsocket	Comstock Court Sewer	\$ 82,846.00
4	6	Middletown	Westside Pump Station Consolidation Study	\$ 75,000.00
4	3B	Narragansett	North Interceptor Access Road	\$ 100,000.00
3	4C	Coventry	Rte. 3 - Woodland Manor to West Greenwich Line Sewers	\$ 1,970,000.00

<b>Total</b>	<b>\$ 1,464,765,864.00</b>
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#### Conduit Financing Only:

Points	Category	Community	Project Name/Number	Cost (\$)
<b>Total:</b>				<b>\$ -</b>

#### Not Rated - Project Already Funded/Under Construction/Completed

Points	Category	Community	Project Name/Number	Cost (\$)
---	4C	East Greenwich	Howland Farm Sewer Extension	\$ 600,000.00
---	5	NBC	Floatable Control Facilities for CSO Outfall	\$ 5,003,030.00
---	5	NBC	Phase II CSO Facilities WCSOI OF 054	\$ 2,825,000.00
---	5	NBC	Phase II CSO Facilities WCSOI West	\$ 10,259,272.00
---	5	NBC	Phase II CSO Facilities WCSOI North	\$ 9,277,000.00
---	5	NBC	Phase II CSO Facilities WCSOI Regulator	\$ 968,616.00
---	5	NBC	Phase II CSO Facilities SCSOI Regulator Modification	\$ 736,000.00
---	5	NBC	Resident Services for Phase I - Construction	\$ 36,220,000.00
---	2	NBC	FPWWTF Nitrogen Removal Upgrade	\$ 62,397,717.00
---	1,12	NBC	FPWWTF Wind Turbines	\$ 14,687,547.00

<b>Total:</b>	<b>\$ 142,974,182.00</b>
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#### Not Rated - Not Applicable

Points	Category	Community	Project Name/Number	Cost (\$)
---	---	Barrington	Utility Truck	\$ 70,000.00
---	---	Barrington	Compost Screener	\$ 300,000.00

<b>Total:</b>	<b>\$ 370,000.00</b>
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Office of Water Resources

**Fiscal Year 2015 Project Priority List**

Not Rated - Not Eligible

Points	Category	Community	Project Name/Number	Cost (\$)
---	11	Burrillville	Stillwater Culvert	\$ 500,000.00

<b>Total:</b>				<b>\$ 500,000.00</b>
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**Grand Total:** \$ 1,608,610,046.00

**RHODE ISLAND DEPARTMENT of ENVIRONMENTAL MANAGEMENT**

Office of Water Resources

**Fiscal Year 2015 Project Priority List**

<b>DESIGN CATEGORY</b>
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<u>CATEGORY</u>	<u>NUMBER</u>	<u>DEFINITION</u>
Secondary Treatment	1	Replacement/modifications/additions based on an approved Wastewater Facilities Plan (WWFP) to achieve/maintain secondary treatment
Advanced Treatment	2	Replacement/modifications/additions based on an approved WWFP to achieve/maintain advanced treatment
I/I Correction	3A	Corrective actions in sewer systems identified in an approved I/I Analysis or Sewer System Evaluation Survey
Sewer System Repair	3B	Rehabilitation is extensive repair of existing sewers/pump stations beyond scope of normal maintenance programs. Replacement is construction of parallel sewers/sewers with exact function of sewers to be abandoned. Replacement of pump stations is construction of a new pumping station with the same functions/flow capacity of the old facility. All must be in WWFP
Collectors (Future)	4A	Sewers that will convey flows from future homes, businesses and industries identified in a CCP and approved in a WWFP
Interceptor (Future)	4B	Sewers that will convey flows from one of more Category 4A areas to another interceptor or WWTF
Collectors (Present)	4C	Sewers to convey flows from present homes, businesses, and industries identified in a CCP and approved in a WWFP
Interceptor (Present)	4D	Sewers to convey flows from one of more Category 4C areas to another interceptor WWFP
CSO	5	Combined Sewer treatment/storage/separation per an approved WWFP
Planning	6	Detailed plan determining the need for and feasibility of water pollution abatement project(s)
Design	7	Plans, Specifications, and bidding documents
Non-Point	8	Implementation project per Non-Point Source Plan (SGP # 731)
Estuarine	9	Implementation project per Comprehensive Conservation and Management Plan (SGP # 715)
Onsite Wastewater Treatment Facility (OWTS)	10	Alternative systems, subsurface (OWTS), and Wastewater Management Districts (WWMD) per RIGL 45-24.5
Stormwater	11	Planning & Implementation of municipal stormwater management programs and controls
Other	12	Other water pollution abatement or water quality improvement projects