NARRAGANSETT BAY COMMISSION

FY 2025 CAPITAL BUDGET

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CAPITAL BUDGET
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Capital Budget

NBC's Capital Budget includes the Operating Capital Program (OCP) and the Capital Improvement Program (CIP). The FY 2025 Capital Budget is $198.7 million which is $34.7 million or 14.9% lower than the prior year.

	FY 2023 Actual	FY 2024 Budget	FY 2025 Budget	Budgeted Difference
Sources of Funds				
Project Fund - Pay-go Capital	19,994,966	14,127,000	12,123,500	(2,003,500)
Project Fund - Restricted OCP	3,186,849	5,873,000	5,248,000	(625,000)
2021 Series A (RIIB)	1,000,000	-	-	-
2023 Series A (RIIB)	1,028,100	61,164,000	6,628,000	(54,536,000)
2024 Series A (RIIB)	-	50,000,000	63,911,700	13,911,700
2025 Series A (RIIB)	-	-	59,415,200	59,415,200
2020 Series B (WIFIA 1)	104,369,352	8,429,383	-	(8,429,383)
2020 Series C (WIFIA 2)	37,254,745	84,568,313	40,437,400	(44,130,913)
2022 Series A (WIFIA 3)	2,372,218	9,159,200	10,878,014	1,718,814
Total Source of Funds	**$ 169,206,229**	**$ 233,320,896**	**$ 198,641,814**	**$ (34,679,082)**
Uses of Funds				
Operating Capital	$ 3,186,849	$ 5,873,000	$ 5,248,000	(625,000)
Total CIP	164,819,929	226,822,896	192,418,814	(34,404,082)
Cost of Issuance/Other	1,199,451	625,000	975,000	350,000
Total Use of Funds	**$ 169,206,229**	**$ 233,320,896**	**$ 198,641,814**	**$ (34,679,082)**

The CIP and OCP identify capital expenditures in the current budget year and subsequent five-years and are developed within the context of the Strategic Plan's short-term and long-term goals. NBC staff identify capital needs based upon the Asset Management Program as well as system and facility inspections. In addition, NBC engineers and scientists identify improvements that may be required to meet new permit requirements such as more stringent discharge limits as well as consent agreements. Additional capital needs such as improvements to Information Technology hardware and software are also identified as new technologies become available.

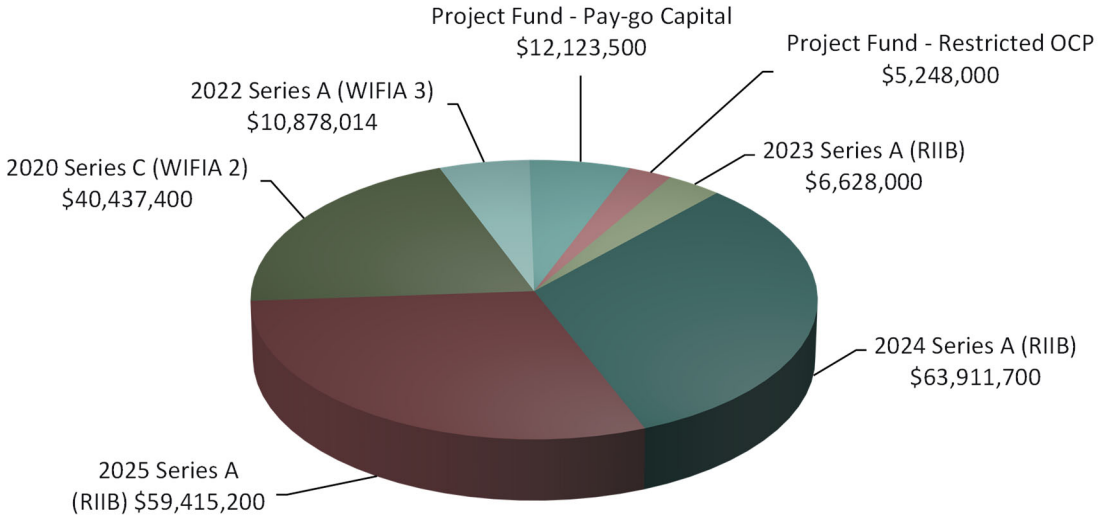
Items identified for inclusion in the Capital Budget must meet NBC's criteria to be considered an asset. NBC's asset criteria are further discussed in the OCP portion of this document. In general, assets that are to be purchased and installed by NBC staff within the fiscal year are included in the OCP. The highest priority items are included in the budget year with the remaining assets programmed into subsequent years. The CIP includes assets that will be completed over a number of years and are considered to be larger, more complex, and costlier. CIP items typically require the services of outside professional services to assist with planning, design, and construction. The projects identified in the CIP are assigned priority codes and funding is allocated accordingly.

The Operating Budget includes debt service associated with the financing of the CIP. In addition, the Operating Budget line item "Transfer to Project Fund" is used in the subsequent fiscal year to fund the OCP and Pay-go CIP projects. Additional funding for the CIP is available from the Grants and Project Reimbursements Account

in the Project Fund. NBC also funds the CIP with proceeds from the issuance of taxable and tax-exempt revenue bonds issued through the Rhode Island Infrastructure Bank (RIIB), which is also referred to in this document as State Revolving Fund (SRF) debt. Capital improvements are also financed through the Water Infrastructure Financing Innovation Act (WIFIA) program administered by the United States Environmental Protection Agency (USEPA) which provides long-term low-cost credit assistance for up to 49% of eligible project costs. NBC also issues taxable and tax-exempt revenue bonds to meet capital needs.

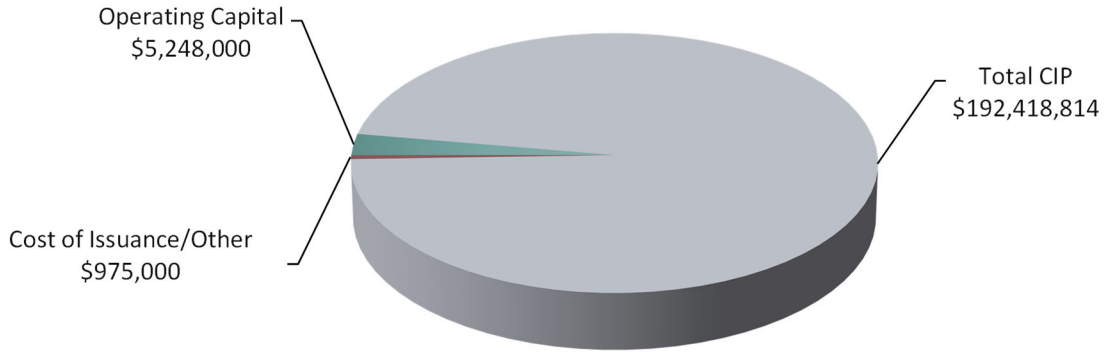
In Fiscal Year 2025, the total sources of capital funds are $198.7 million. The largest funding source is the 2024 Series A (RIIB) Loan at $63.9 million or 32.2%. The second largest source of capital funding is 2025 Series A (RIIB) at $59.4 million or 29.9%. The remainder of the capital budget is funded by the 2020 Series C (WIFIA 2) Loan at $40.4 million, Project Fund – Pay-go Capital at $12.1 million, the 2022 Series A (WIFIA 3) Loan at $10.9 million, the 2023 Series A (RIIB) loan at $6.6 million, and the Project Fund – Restricted OCP at $5.2 million. The following chart illustrates the capital funding sources by type.

Sources of Funds



The largest category of capital budget expense in FY 2025 is for the CIP, which is $192.4 million or 96.9% of the total capital budget funds. The OCP is $5.2 million or 2.6% of the capital budget expense followed by $1.0M for Cost of Issuance/Other at 0.5%. The following chart illustrates the capital funding uses by type.

Uses of Funds



The Fiscal Year 2025 Operating Capital Budget totals $5.2 million, which is $625 thousand lower than the prior year. The following table shows the FY 2025 budgeted Operating Capital by Division. Please refer to the OCP Overview tabs in this document for more information on the OCP including the program overview, six-year plan for FY 2025-2030 and FY 2025 budget detail.

FY 2025 Operating Capital Program by Division

Division Cost Center	Fiscal Year 2025	Fiscal Years 2026-2030
Administration		
Administration	$ 50,000	$ -
Information Technology	255,000	1,205,000
	305,000	1,205,000
Construction & Engineering		
Construction Services	95,000	140,000
Engineering	60,000	85,000
	155,000	225,000
Finance		
Finance	75,000	-
Customer Service	340,000	326,000
	415,000	326,000
Operations & Maintenance Services		
Interceptor Maintenance	215,000	-
Operations & Maintenance Services	-	47,000
Field's Point	1,952,000	6,704,000
Bucklin Point	1,391,000	4,819,000
	3,558,000	11,570,000
Environmental Science & Compliance		
Technical Analysis & Compliance	10,000	-
Pretreatment	45,000	90,000
Laboratory	587,000	2,985,300
Environmental Monitoring	173,000	723,000
	815,000	3,798,300
Total	**$ 5,248,000**	**$ 17,124,300**

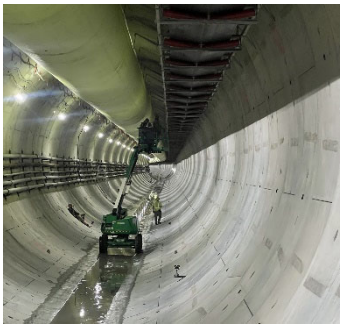


Photo: CSO Phase III A Facilities Pawtucket Tunnel

The table on the following page shows the CIP by functional area. The table shows that the Fiscal Year 2025 programmed CIP expense totals $192.4 million, which is $34.4 million lower than the prior year. In addition, NBC has programmed capital improvements of $367.4 million over FY 2026-2030.

The majority of these costs relate to the CSO Phase III A Facilities, at $150.6 million or 78% of the total programmed expense in FY 2025. The largest CSO Phase III A Facilities Project is the construction of the Tunnel and Pump Station Fit-out (30802), with programmed expense of $63.2 million in FY 2025 along with $75.8 million in FY 2026-2030.

Please refer to the CIP tabs in this document for more information on the CIP, the individual projects, and the projected operating budget impact of these improvements.

Capital Improvement Program FY 2025 and FY 2026-2030

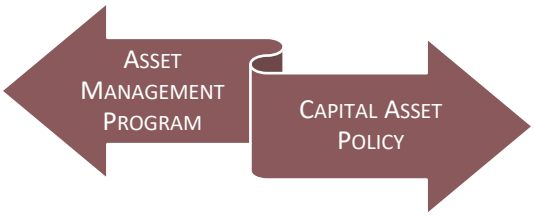
(In Thousands)

Project Number	Project Name	Fiscal Year 2025	Fiscal Years 2026-2030
Wastewater Treatment Facility Improvements			
20000	WWTF Improvements	$ -	$ -
20700	Long-Range Biosolids Disposal	741	18,359
20801	Data Communications Upgrades and WWTF Network Improvements	507	18,174
20900	FPWWTF Wet Weather Clarifier Facility Improvements	408	5,022
24000	NBC Facility Electrical Improvements	568	-
81701	BPWWTF Service Building Demolition	382	2,834
81800	BPWWTF Sludge Digestion Facility Improvements	7,480	1,903
91000	Office and Building Improvements	2,225	-
	Subtotal	12,310	46,291
Bucklin Point Resiliency Improvements			
81000	BPWWTF UV Disinfection Improvements	10,462	3,775
81600	BPWWTF Improvements	867	4,637
	Subtotal	11,328	8,412
Field's Point Resiliency Improvements			
20300	FPWWTF Improvements	1,623	30,470
20400	FPWWTF Ernest Street Pump Station Improvements	5,694	20,592
20500	FPWWTF Maintenance and Storage Buildings	1,511	25,668
20600	NBC Solar Carport	549	728
40101	FPWWTF Electrical Improvements	361	10,839
71000	Lincoln Septage Receiving Station Replacement	1,140	6,916
	Subtotal	10,878	95,212
Infrastructure Management			
1140600	RIPDES Compliance Improvements - PFAS	288	447
1140900	Water Quality Model Validation and Enhancement	33	85
30700	NBC System-wide Facilities Planning	2	1,117
40200	NBC System-wide Inflow Reduction	-	1,690
40300	Municipal Lateral Sewer Acquisition Impact	-	645
40550	RIPDES Flow Monitoring System Implementation	1,313	-
40600	Asset Management Program Support Services	454	116
40700	Enterprise Resource Planning (ERP) System Replacement	52	857
	Subtotal	2,140	4,956
CSO Phase III Facilities			
30800	CSO Phase III A Facilities - Design and Construction Program Management	7,861	17,283
30801	CSO Phase III A Facilities - Pawtucket Tunnel and Pump Station Shaft	43,253	2,764
30802	CSO Phase III A Facilities - Tunnel Pump Station Fit-out	63,177	75,804
30803	CSO Phase III A Facilities - OF 205	3,553	96
30804	CSO Phase III A Facilities - OF 210, 213, 214	7,890	49,115
30810	CSO Phase III A Facilities - BPWWTF Clarifiers and Flow Splitters	24,876	8,724
30830	CSO Phase III B Facilities	-	28,118
	Subtotal	150,610	181,903
Sewer System Improvements			
12400	Interceptor Maintenance Building	-	492
30500	NBC Interceptor Easements Restoration, Various Locations	36	1,542
30610	NBC System-wide Regulator Modifications	1,412	399
70900	Omega Pump Station Improvements	679	8,266
72000	Reservoir Avenue Pump Station Improvements	714	7,792
	Subtotal	2,841	18,491
Interceptor Cleaning/Restoration and Construction			
30400M	Interceptor Inspection and Cleaning Projects	-	2,500
30481M	Completion of Baseline Siphon Inspections and Cleanings	194	-
30482M	Interceptor Inspection and Cleaning	618	-
30400C	Interceptor Restoration and Construction	1,045	2,742
30315	Woonasquatucket CSO OF 046 Improvements	36	3,838
30421	Louisquisset Pike Interceptor Improvements	-	2,868
30468	Improvements to Interceptors FY 2022	419	152
	Subtotal	2,312	12,100
	Total	**$ 192,419**	**$ 367,365**

Operating Capital Program

NBC's Operating Capital Program (OCP) identifies programmed asset purchases for the current budget year and subsequent five years. The OCP is based primarily on information from NBC's Asset Management Program (AMP) and includes new assets, asset replacements, asset renovations, and betterments. Examples of these assets include pumps, tanks, actuators, bar racks, and testing equipment.

Other operating capital items are identified through facility inspections and established programmatic priorities. Examples of these assets include fleet vehicles and laboratory equipment as well as computer hardware and software licensing. In accordance with NBC's Capital Asset Policy, all assets must have an acquisition cost greater than $5,000 and a useful life of three years or more.



Operating Capital Program Overview

This year's OCP identifies 91 assets that are programmed for acquisition in FY 2025 at a total cost of approximately $5.2 million. NBC has also programmed asset purchases in FY 2026 through FY 2030 of approximately $17.1 million for a total of $22.4 million over the six-year period reflected in the program. As is shown in the following table, most of the asset purchases, $15.1 million or 67.6%, are for items required to support the wastewater treatment and collection functions in the Operations and Maintenance Division.

FY 2025 – 2030
Operating Capital Program

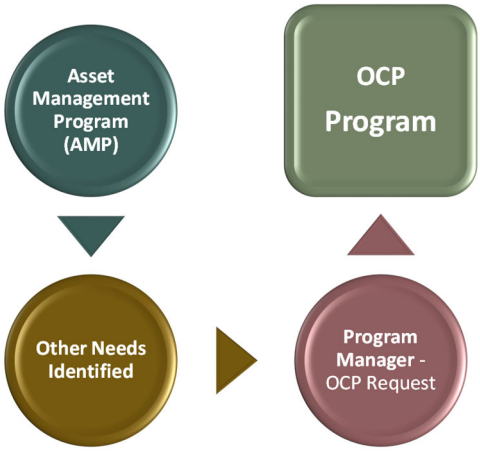
Division	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total FY 2025-2030
Administration	$ 305,000	$ 325,000	$ 135,000	$ 250,000	$ 245,000	$ 250,000	$ 1,510,000
Construction & Engineering	155,000	-	40,000	90,000	45,000	50,000	380,000
Finance	415,000	92,000	92,000	46,000	96,000	-	741,000
Operations & Maintenance	3,558,000	3,477,000	2,650,000	2,184,000	2,103,000	1,156,000	15,128,000
Environmental Science & Compliance	815,000	660,300	981,000	707,700	707,300	742,000	4,613,300
	$5,248,000	**$4,554,300**	**$3,898,000**	**$ 3,277,700**	**$ 3,196,300**	**$2,198,000**	**$22,372,300**

Operating Capital Program Development

NBC is committed to making the investments needed to ensure continuous operation of its facilities, support services and core business functions. To achieve this goal, NBC adopted and implemented an Asset Management Program (AMP), which is the primary source used to identify operating capital needs. The AMP is a comprehensive and detailed document maintained by the Asset Management Administrator that identifies all of NBC's assets. This includes assets acquired as part of a capital improvement project as well as assets purchased through the annual budget process.

Detailed asset information is captured in the asset management system including the location, cost, and useful life of an asset. In addition, each asset is assigned a criticality factor that takes into consideration redundancy. NBC's computerized work order system is integrated into the AMP so that preventive and corrective maintenance activity is also captured for each asset. The asset maintenance history and useful life information assists with the determination of whether an asset should be repaired or replaced. The information in the AMP enables NBC to produce a facilities and equipment condition analysis report that is used to identify and prioritize capital asset needs.

In addition to the AMP, other new assets, or asset replacements are identified through the operation and inspection of facilities. Investment in Information Technology (IT) assets are typically programmed to address specific needs such as refreshing employee workstations and laptops, enhancing networks and security, as well as the implementation of new or replacement software, and the enhancement of existing applications. Laboratory and sampling equipment needs are often identified through the planning process to ensure compliance with new RIPDES permit or water quality sampling requirements.



Program managers use the information from the AMP and other sources as the basis for requesting funding for operating capital assets. The OCP includes requests for the upcoming budget year as well as the subsequent five years to align with the Capital Improvement Program window.

With respect to the upcoming budget year, as part of the annual budget process, each section submits detailed operating capital requests with supporting documentation for each asset. Each request is unique and includes the asset title, description, estimated cost, location, useful life, purchase justification, priority ranking; and indicates if the asset is new, a replacement, or a betterment. The requests are first reviewed by the accounting staff to determine if the request meets the capital asset criteria. Once approved by Accounting, the requests are reviewed by Finance to ensure that the information is complete and that there is documentation to support the estimated cost. Any new asset request with a cost over $50 thousand is required to be accompanied by a cost analysis, to demonstrate that the purchase of the new equipment is more cost effective than using an outside vendor. Once the asset has been confirmed to meet the OCP criteria, the information is compiled and included in the budget. Each asset included in the budget is assigned a unique asset allocation number which is referenced when the asset is purchased to ensure that it is authorized.

Capital Assets by Priority

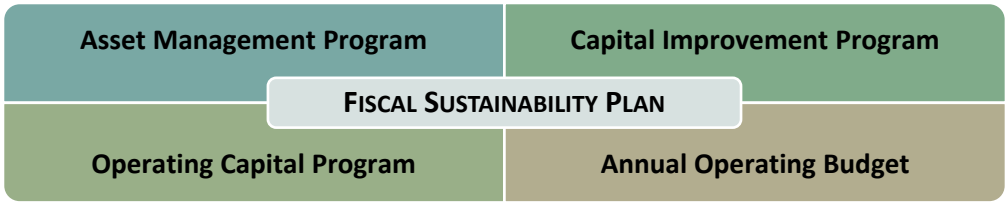
As part of the OCP program development, each asset request is assigned a priority ranking based on an assessment of its criticality. Assets with priority ranking "A", represent items critical to NBC operations and would include implementation of new technology, addressing a new permit requirement and ensuring the health and safety of NBC's work environment. Approximately 67% of asset requests for FY 2025 are prioritized with an "A" ranking with a total cost of $3.5 million.

In addition, 28% or $1.5 million are identified with a "B" priority ranking, which include items essential to efficient operations, such as the need of a specialized contractor and/or skilled workers to install a new asset or the availability of parts for critical equipment. Assets with a priority ranking "C" are assets needed, but not critical to ongoing operations of NBC's facilities, such as building and other structures, which represents 5% of the total or $250 thousand.

The OCP also reflects planned asset purchases for the subsequent five years. Although detailed information is required for all requested operating capital assets in the budget year, less specific information is needed to program future purchases. Each cost center submits a six-year operating capital request form as part of the annual budget process. The first-year ties into the budget year and must be accompanied by the operating capital request form discussed previously. Assets in subsequent years must include the asset title, location, a brief explanation of how the asset will be used, and justification. These requests are reviewed by Finance and are incorporated into the OCP.

Fiscal Sustainability Plan

To borrow funds through the Rhode Island Infrastructure Bank (RIIB), NBC is required to have an established Fiscal Sustainability Plan (FSP) that complies with the amendments to titles I, II, V, and VI in the Water Resources Reform and Development Act under the Federal Water Pollution Control Act (Regulations). Under the guidance of NBC's Board of Commissioner's Fiscal Sustainability Plan Policy, the Asset Management Program (AMP), Capital Improvement Program (CIP), Annual Operating Budget and Operating Capital Program (OCP) were developed and implemented. These planning tools protect NBC's significant capital investments and conservation efforts and have been formally incorporated into the FSP. The AMP provides direction in developing the OCP based on the identified needs that meet the criteria set forth in NBC's Capital Asset Policy.



Operating Capital Program Guidelines

The development of the FY 2025 OCP is governed by the following:

- The operating capital policy defines operating capital items as those with costs greater than $5,000 and a minimum useful life of three years.
- The Asset Management Policy requires the identification of short-term capital needs and the development of a long-term (five-year) asset replacement program.
- The Controller must ensure that asset criteria is met and approves the capitalization of assets.

Operating Capital Program Budget Calendar

Development of the Operating Capital Program Budget is as follows:

SEPTEMBER 2023
- Budget forms available

NOVEMBER 2023
- Review submittals with respect to Asset Criteria and General Ledger (GL) account code
- Compile 5-year OCP for cost center approval

DECEMBER 2023
- 5-year OCP available for review and comments
- Review 5-year OCP with Division Directors
- Complete OCP Schedules
- Draft OCP Narrative

JANUARY 2024
- Finalize OCP document
- Review and approval of OCP from NBC's Finance Committee and Board on January 16, 2024

Operating Capital Program Amendment Procedures

During the fiscal year, there may be a need to amend the operating capital budget to accommodate those instances in which the actual bids received for items are higher than budgeted amounts, or where the installation of a new asset requires additional resources beyond what was anticipated. In addition, changes may be required to accommodate emergencies. In these cases, a Division Director may request a modification to the operating capital budget. If a modification to the operating capital budget is needed, it is preferred that an entire asset is reallocated to the new item. In some cases, this is not possible and partial reallocations are accommodated. The Chief Financial Officer may authorize changes in the operating capital budget if the total expenditure does not exceed the total amount approved for the fiscal year. Procedures for modifications to the operating capital budget during the year are as follows:

Operating Capital Program Amendment Procedures

Non-Emergencies:

- Prior to Purchase, the Operating Capital Reallocation Request Form is completed, signed by the Division Director, and accompanied by vendor quote for the estimated cost.

- Request form is reviewed by the Accounting and Finance Departments to determine if the item meets the criteria to be considered an asset in accordance with NBC's Capital Asset Policy.

- Request form then requires review and approval by the Chief Financial Officer.

- If approved, a new Asset Allocation number is assigned, and operating capital funding is transferred.

Emergencies:

- The item is purchased in accordance with NBC's Purchasing Rules and Regulations for Emergency Purchases.

- The Operating Capital Reallocation Request Form is completed and signed by the Division Director and accompanied by a quote for the estimated cost.

- Request Form is reviewed by the Accounting and Finance Departments to determine if the item meets the criteria to be considered an asset in accordance with NBC's Capital Asset Policy and is then reviewed by the Chief Financial Officer.

    - Capital Asset Criteria Met – funding is transferred in the operating capital budget and an Asset Allocation number assigned.

    - Capital Asset Criteria Not Met – purchase will be expensed in the operating budget.

Operating Capital Program by Strategic Objective

The Strategic Plan guides NBC operations and ensures facilities and infrastructure are maintained. As part of the OCP development, each budgeted capital asset is required to align with a Strategic Plan Goal.

Of the 91 budgeted capital assets in FY 2025, $4.0 million or 86% are related to NBC's Core Business goal which covers the essential aspects of infrastructure, applications, and compliance. Additionally, $710 thousand or 9% relates to Environmental Performance goal which involves sampling and laboratory analysis assets. Furthermore, 2% or $350 thousand align to Customer Focus goal and includes CIS Migration to the Cloud. Another 2% or $85 thousand relates to the Communication goal which includes equipment for providing critical information for projects and operations. Finally, 1% or $75 thousand supports the Financial Management goal and includes new financial reporting software. The following table illustrates the percentage of strategic goals by budgeted asset.

Percentage of OCP Assets by Strategic Plan Goal

Core Business: *Operate, maintain, and protect our collection and treatment systems to ensure that all State and Federal requirements are met or surpassed.*

Key Code	Percentage	Code Description
CB3	42%	Ensure the cost-effective operation and maintenance of NBC wastewater treatment and collection system through best practices and the implementation of new technologies.
CB4	44%	Maintain NBC's asset management program to ensure continuous operation and the protection of assets.

Environmental Performance: *Continuously evaluate NBC environmental performance to identify, quantify and minimize NBC impacts to the environment in a cost-effective manner.*

Key Code	Percentage	Code Description
EP 2	6%	Perform data collection and analysis to optimize the treatment process and provide a scientific basis for future permit requirements.
EP 3	3%	Ensure current, relevant, and comprehensive data is available to determine priorities and make decisions regarding programs and capital projects.

Financial Management: *Manage NBC's finances through strong financial planning and controls such that sewer user charges are minimized.*

Key Code	Percentage	Code Description
FM 3	1%	Ensure the timely and accurate publication of financial information in accordance with GASB and GAAP standards.

Customer Focus: *Maintain a customer-focused attitude throughout the organization.*

Key Code	Percentage	Code Description
CF 4	2%	Maintain programs and participate in projects that give back to the NBC's service area.

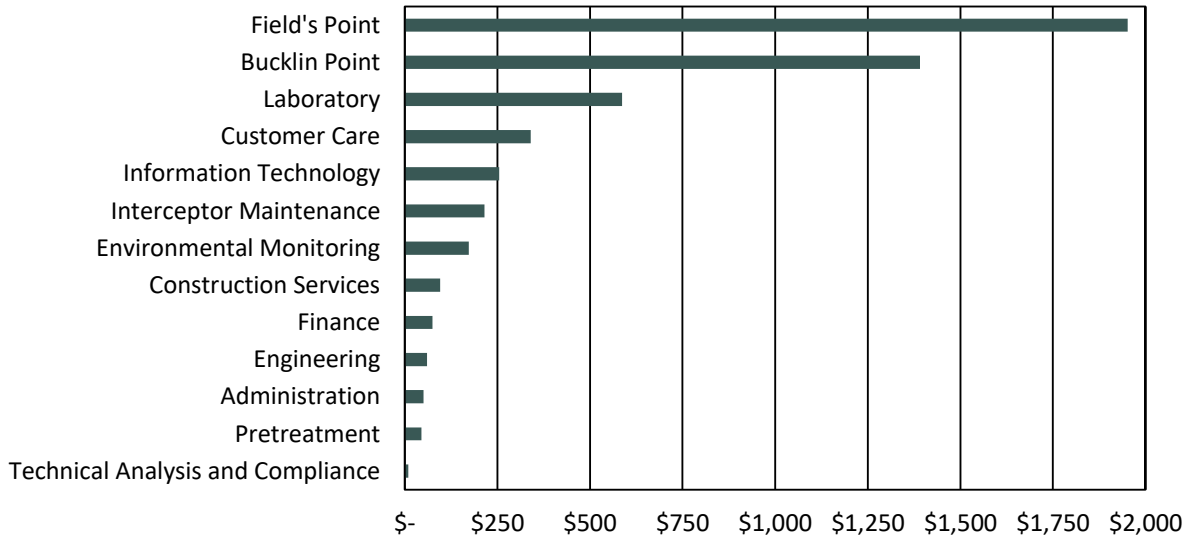
Communication: *Improve and enhance internal and external communication to increase understanding of "who we are" and "what we do".*

Key Code	Percentage	Code Description
C 2	2%	Employ new technology to enhance communications with internal and external customers.

Operating Capital Program by Cost Center

The following chart shows how the OCP budget for FY 2025 is mostly distributed among the wastewater treatment facilities (WWTF). This includes nearly $2.0 million at Field's Point and $1.4 million at Bucklin Point and is 63.7% of the total budgeted OCP. NBC has prioritized the replacement of numerous pumps, vehicles, tanks, bar racks, and other equipment; as well as upgrades to security, which are required to operate the facilities and maintain infrastructure.

FY 2025 Operating Capital by Cost Center
(In Thousands)

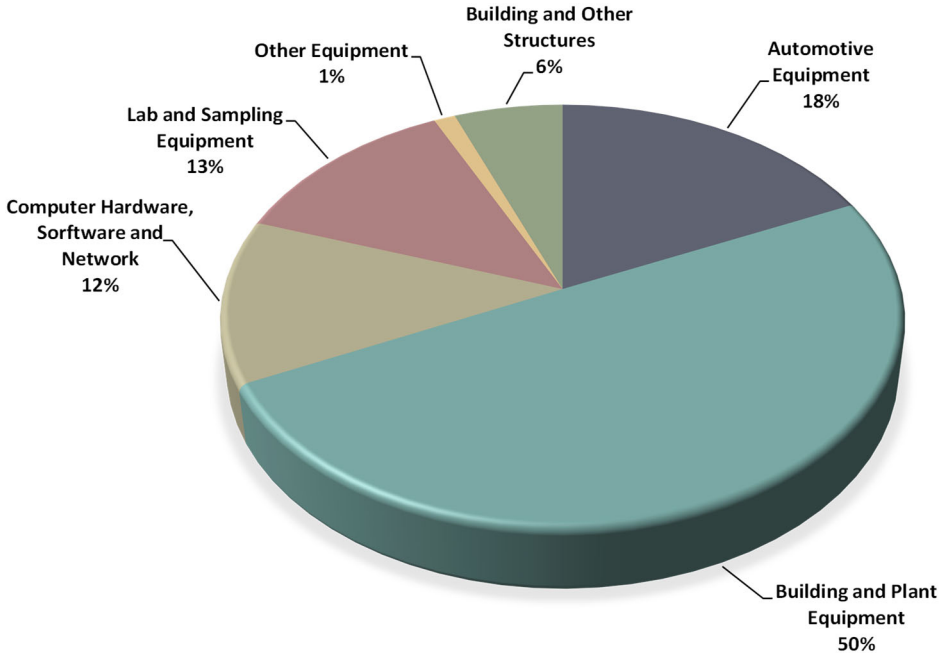


The remaining $1.9 million of FY 2025 OCP Budget includes 11.2% or $587 thousand allocated to the Laboratory section for the replacement of laboratory equipment necessary to evaluate and analyze samples necessary to comply with Federal and State regulations. Additionally, 6.5% or $340 thousand of the budget is allocated to the Customer Care section and includes $250 thousand to migrate Customer Information System (CIS) to the Cloud. Furthermore, 4.9% or $255 thousand is apportioned to the Information Technology section, which includes $75 thousand for the annual PC Refresh Program and $50 thousand for SCADA upgrades necessary for NBC's turbine monitoring hardware. The Interceptor Maintenance section is 4.1% or $215 thousand and includes the replacement of vehicles essential to the maintenance of the interceptors. The Environmental Monitoring section is 3.3% of the budget or $173 thousand and includes essential monitoring equipment replacement. Other items such as financial reporting software, survey equipment, replacement vehicles and GPS rover encompass the remaining 6.4% or $335 thousand of the OCP budget.

Fiscal Year 2025 Operating Capital Program by Category

The FY 2025 OCP identifies new and replacement asset purchases totaling approximately $5.2 million. The following pie chart shows the distribution of the budget by asset category and percentage. The largest asset category is Building and Plant Equipment at $2.6 million or 50% of the total budget. Automotive Equipment represents 18% or $940 thousand. Lab and Sampling Equipment represents 13% or $660 thousand. Computer Hardware, Software and Network represents 12% or $660 thousand. Other Equipment, in addition to Building and Other Structures comprise the remaining 7% of the FY 2025 asset acquisitions.

FY 2025 Operating Capital by Category



The replacement and betterment investments for FY 2025 amount to approximately $4.6 million. The largest replacement asset category is Building and Plant Equipment which accounts for 55.5% or $2.6 million of total investments. This includes items such as pumps, bar racks, tanks, a main transformer and a tunnel pump motor. Automotive Equipment represents 20.4% or $940 thousand. Laboratory and Sampling Equipment represents 14.3% or $660 thousand and includes the replacement of the Water Purification System at a cost of $250 thousand used in the reagent preparation for all lab tests that require analytical grade purified water and the Auto Titration System at a cost of $100 thousand used to evaluate for low and high alkalinity in plant samples. Building and Other Structures is 5.3% or $245 thousand, and Computer Hardware, Software and Network is 2.7% or $125 thousand. The remaining 1.8% are comprised of Other Equipment at $60 thousand and Office Furniture and Equipment at $25 thousand.

Replacement and Betterment Assets		Total	% of Total
Building and Plant Equipment Replacement	$	2,563,000	55.5%
Automotive Equipment Replacement		940,000	20.4%
Lab and Sampling Equipment Replacement		660,000	14.3%
Building and Other Structures Replacement		245,000	5.3%
Computer Hardware, Sorftware and Network Replacement		125,000	2.7%
Other Equipment Replacement		60,000	1.3%
Office Furniture and Equipment Replacement		25,000	0.5%
Total	**$**	**4,618,000**	**100%**

NBC plans to purchase new assets in the Computer Hardware, Software and Network, Building and Other Structures, and Building and Plant Equipment categories. New Computer Hardware, Software and Network is 84.1% of the programmed new assets, at a cost of $530 thousand. This includes CIS Migration to the Cloud, New Financial Reporting Software for Finance, and Database Enhancements in IT . This is followed by Building and Other Structures at a cost of $60 thousand representing 9.5% of new assets and Building and Plant Equipment is 6.3% of the total new assets category at a cost of $40 thousand.

New Assets		Total	% of Total
Computer Hardware, Sorftware and Network	$	530,000	84.1%
Building and Other Structures		60,000	9.5%
Building and Plant Equipment		40,000	6.3%
Total	**$**	**630,000**	**100%**

NBC's strategic goal of maximizing technology and maintaining capability is demonstrated through computer hardware, software and network purchases that are programmed in FY 2025. The largest item is the CIS Migration to the Cloud at $250 thousand, followed by Financial Reporting Software and the Annual PC Refresh Program both at a cost of $75 thousand. Also included are hardware upgrades and software enhancements to existing business systems along with the Supervisory Control and Data Acquisition system (SCADA) upgrade to replace wind turbine monitoring hardware.

Computer Hardware, Software and Network		Total
CIS Migration to the Cloud	$	250,000
Annual PC Refresh Program		75,000
Financial Reporting Software		75,000
Security Upgrades		50,000
SCADA Upgrade		50,000
Customer Care Systems Upgrade		50,000
Laboratory Information Management Systems Upgrades		50,000
Computer Room Enhancements		25,000
Conference Room Upgrades		25,000
Panic Button		5,000
Grand Total	**$**	**655,000**

As represented below, NBC's Laboratory is responsible for producing timely, high quality analytical data with the use of state-of-the-art analytical instrumentation and the most current laboratory techniques that provide the most accurate, dependable, and precise measurements possible to comply with Federal and State regulations.

Lab and Sampling Equipment		Total
Water Purification System	$	250,000
Auto-Titration System		100,000
Total Organic Carbon System		83,000
Microbiology Microscope System		64,000
Fixed Site Sondes and Associated Equipment		45,000
Laboratory Refrigerators		40,000
Fixed Site Probes, Handheld Meter, & Related Equipment		34,000
Nutrient Deionized Water Unit		22,000
Plant Deionized Water Units		22,000
Grand Total	**$**	**660,000**

Operating Capital Program Funding

Operating Capital is funded from the Restricted Account – Operating Capital in the Project Fund. In accordance with the Trust Indenture, after fiscal year end, a calculation is made to determine the amount that should be transferred from the Stabilization Account in the Debt Service Fund to the Restricted Accounts in the Project Fund to support the capital budgets. This is also consistent with the order from the Rhode Island Public Utilities Commission. An additional calculation is performed to further allocate the funds to the OCP and CIP Restricted Accounts. For the Operating Capital Program, the fund transfer at the beginning of each fiscal year to the Restricted Account – Operating Capital takes into consideration any unspent balance from the prior year (see calculation below).

The following table shows that in FY 2025, NBC plans to fund the OCP with $5.2 million from the Restricted Account – Operating Capital in the Project Fund. NBC has also programmed funding of $5.0 million per year for FY 2026 through FY 2030, for the OCP from this same source.

OCP - SOURCES OF FUNDS

Sources of Funds (Thousands)	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total FY 2025-2030
Restricted Account-Operating Capital	$ 5,248	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 30,248
Total	**$ 5,248**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 30,248**

The FY 2025 programmed asset purchases total approximately $5.2 million. In FY 2026 through FY 2030, NBC has programmed the acquisition of the assets identified in the OCP, as well as an additional placeholder amount. As a result, total programmed uses are a minimum of $5.0 million per year. This ensures sufficient resources are available to operate and maintain NBC's facilities.

OCP - USES OF FUNDS

Uses of Funds (Thousands)	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total FY 2025-2030
Operating Capital Program	$ 5,248	$ 4,554	$ 3,898	$ 3,278	$ 3,196	$ 2,198	$ 22,372
Operating Capital Placeholder	-	446	1,102	1,722	1,804	2,802	7,876
Total	**$ 5,248**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 30,248**

Operating Capital Program Summary by Fiscal Year

Asset Type	Asset Title	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total Cost
ADMINISTRATION								
Administration								
New	Stormwater Education Resource Center	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ 50,000
	Subtotal Administration	50,000	-	-	-	-	-	50,000
Information Technology								
Replacement	Annual PC Refresh Program	75,000	75,000	75,000	75,000	75,000	75,000	450,000
New	SCADA Upgrade	50,000	-	-	-	-	-	50,000
Replacement	Vehicle	40,000	-	-	-	-	-	40,000
Replacement	Large Form Scanner and Printer	25,000	-	-	-	35,000	-	60,000
New	Conference Room Upgrades	25,000	25,000	25,000	25,000	25,000	25,000	150,000
New	Computer Room Enhancements	25,000	25,000	25,000	25,000	25,000	25,000	150,000
New	Security Upgrades	10,000	10,000	10,000	10,000	10,000	10,000	60,000
New	Panic Button	5,000	-	-	-	-	-	5,000
New	Triennial Security Assessment	-	75,000	-	-	75,000	-	150,000
Replacement	Edge Switch Upgrades	-	50,000	-	50,000	-	50,000	150,000
New	Oracle Enhancements	-	40,000	-	40,000	-	40,000	120,000
New	Hansen Upgrades	-	25,000	-	25,000	-	25,000	75,000
	Subtotal Information Technology	255,000	325,000	135,000	250,000	245,000	250,000	1,460,000
CONSTRUCTION and ENGINEERING								
Construction Services								
Replacement	Vehicle 357	50,000	-	-	-	-	-	50,000
Replacement	Vehicle 343	45,000	-	-	-	-	-	45,000
Replacement	Vehicle 311	-	-	-	45,000		-	45,000
Replacement	Vehicle 296	-	-	-	-	45,000	-	45,000
Replacement	Vehicle 292	-	-	-	-	-	50,000	50,000
	Subtotal Construction Services	95,000	-	-	45,000	45,000	50,000	235,000
Engineering								
Replacement	GPS Rover	40,000	-	-	-	-	-	40,000
Replacement	Survey Equipment	20,000	-	-	-	-	-	20,000
Replacement	Vehicle 326	-	-	40,000	-	-	-	40,000
Replacement	Vehicle 312	-	-	-	45,000	-	-	45,000
	Subtotal Engineering	60,000	-	40,000	45,000	-	-	145,000
FINANCE								
Finance								
New	Financial Budgeting Software	75,000	-	-	-	-	-	75,000
	Subtotal Finance	75,000	-	-	-	-	-	75,000
Customer Care								
New	CIS Enhancements	250,000	50,000	-	-	-	-	300,000
New	Customer Care Systems Upgrade	50,000		50,000		50,000		150,000
Replacement	Vehicle 316	40,000	-	-	-	-	-	40,000
Replacement	Vehicle 297	-	42,000	-	-	-	-	42,000
Replacement	Vehicle 289	-	-	42,000	-	-	-	42,000
Replacement	Vehicle 276	-	-	-	46,000	-	-	46,000
Replacement	Vehicle 261	-	-	-	-	46,000		46,000
	Subtotal Customer Care	340,000	92,000	92,000	46,000	96,000	-	666,000
OPERATIONS and MAINTENANCE								
Interceptor Maintenance								
Replacement	Vehicle 472	150,000	-	-	-	-	-	150,000
Replacement	Vehicle 334	65,000	-	-	-	-	-	65,000
	Subtotal Interceptor Maintenance Services	215,000	-	-	-	-	-	215,000
Operations and Maintenance Services								
Replacement	Vehicle 336	-	35,000	-	-	-	-	35,000
Replacement	Copy Machine	-	-	-	-	-	12,000	12,000
	Subtotal Operations and Maintenance Services	-	35,000	-	-	-	12,000	47,000
Field's Point								
Replacement	Vehicle 353	265,000	-	-	-	-	-	265,000
Replacement	Main Transformer - 400KVA	225,000	-	-	-	-	-	225,000
Replacement	Bar Racks	165,000	165,000	170,000	170,000	175,000	185,000	1,030,000
Replacement	Tunnel Pump Motor	130,000	-	130,000	-	-	-	260,000
Replacement	Internal Mixed Liquor Recycle Valves	120,000	-	-	-	-	-	120,000
Replacement	Grit Tank Unit	115,000	120,000	120,000	125,000	130,000	-	610,000
Replacement	Hypochlorite Pump and Motor	115,000	-	-	-	-	-	115,000
Replacement	Relays	100,000	-	-	-	-	-	100,000
Betterment	Exterior Stairs	90,000	-	-	-	-	-	90,000
Replacement	Influent Cylinders - Wet Weather PS	75,000	-	-	-	-	-	75,000
Replacement	Sludge Grinder Cartridges	60,000	-	-	-	-	-	60,000
Replacement	Vehicle 352	60,000	-	-	-	-	-	60,000
Replacement	Dezurik Valves	40,000	-	70,000	-	80,000	90,000	280,000
Replacement	Automatic Transfer Switch	40,000	-	-	-	-	-	40,000
Replacement	Equipment 109A	40,000	-	-	-	-	-	40,000
Replacement	Hydraulic Power System	35,000	-	-	-	-	-	35,000
Replacement	Hypochlorite Lines	35,000	-	-	-	-	-	35,000
Replacement	Hypochlorite Storage Tanks Relining	30,000	75,000	80,000	80,000	-	-	265,000
Replacement	Flow Meters	30,000	40,000	48,000	-	60,000	-	178,000
Replacement	Actuators	30,000	20,000	-	-	-	-	50,000
Replacement	Equipment E0070	30,000	-	-	-	-	-	30,000
Replacement	Influent Cylinders - ESPS	25,000	25,000	25,000	30,000	30,000	30,000	165,000
Replacement	Dewatering Pumps	25,000	12,000	-	-	50,000	-	87,000
Replacement	Sump Pump	25,000	-	15,000	-	-	-	40,000

Operating Capital Program Summary by Fiscal Year

Asset Type	Asset Title	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total Cost
Replacement	Screw Pump Influent Sluice Gate Actuator	20,000	-	-	-	-	-	20,000
Replacement	Equipment E0025	15,000	-	-	-	-	-	15,000
Replacement	Variable Frequency Drives	12,000	-	-	15,000	45,000	-	72,000
Replacement	Sewage Pump	-	250,000	-	250,000	-	-	500,000
Replacement	Dehumidifiers	-	200,000	-	-	-	-	200,000
Replacement	Sewage Pump Cartridge (40 MGD)	-	175,000	-	-	-	-	175,000
Replacement	Tunnel Pump Cartridges	-	165,000	-	-	-	-	165,000
Replacement	Sewage Pump Cartridge (20 MGD)	-	130,000	-	-	-	-	130,000
Replacement	Caustic Storage Tank	-	75,000	80,000	85,000	-	-	240,000
Replacement	Pump Motor (200 HP)	-	70,000	-	-	-	-	70,000
Replacement	Screw Pump Motor	-	70,000	-	-	-	-	70,000
Replacement	Crane Clam Bucket	-	60,000	-	-	-	-	60,000
Replacement	Metering Pumps - Pulsa Feeder Pump	-	60,000	-	-	-	-	60,000
Replacement	Pump Motor	-	55,000	55,000	-	-	-	110,000
Replacement	Gearboxes for Sluice Gates	-	40,000	-	-	-	-	40,000
Replacement	Motor Control Center Room Uninterruptible Power Supply	-	40,000	-	-	-	-	40,000
Replacement	Scum Dewatering Pump	-	36,000	-	-	-	-	36,000
Replacement	Plant Water Pump and Motor	-	35,000	35,000	-	-	-	70,000
Replacement	Equipment 0050	-	35,000	-	-	-	-	35,000
Replacement	Vehicle 345	-	35,000	-	-	-	-	35,000
Replacement	Sluice Gate Actuators	-	30,000	-	-	-	-	30,000
Replacement	Water Champs	-	25,000	60,000	-	-	-	85,000
Replacement	Sludge Grinder	-	25,000	25,000	30,000	-	-	80,000
Replacement	Equipment 0024	-	25,000	-	-	-	-	25,000
Replacement	Fire Alarm Panel	-	20,000	-	-	-	-	20,000
Replacement	Unit Coils 1-3	-	20,000	-	-	-	-	20,000
Replacement	Dewatering Pump Motor	-	19,000	-	-	-	-	19,000
Replacement	Copy Machine	-	15,000	-	10,000	-	10,000	35,000
Replacement	Effluent Bisulfite Analyzer	-	15,000	-	-	-	-	15,000
Replacement	Gearbox, Stem and Electric Actuators	-	-	205,000	-	-	-	205,000
Replacement	Cameras and Server	-	-	75,000	-	-	-	75,000
Replacement	Equipment 0059	-	-	55,000	-	-	-	55,000
Replacement	Vehicle 464	-	-	55,000	-	-	-	55,000
Replacement	ABB Process Control Unit (PCU) 13 Rear	-	-	50,000	-	-	-	50,000
Replacement	Sewage Pump Cone Valve Actuator	-	-	50,000	-	-	-	50,000
Replacement	Vehicle 332	-	-	50,000	-	-	-	50,000
Replacement	Butterfly Valve	-	-	40,000	-	-	-	40,000
Replacement	Grit Pump with Motor	-	-	35,000	-	35,000	-	70,000
Replacement	Vehicle 333	-	-	35,000	-	-	-	35,000
Replacement	Sludge Flow Meter to Tank 3	-	-	30,000	-	-	-	30,000
Replacement	Exhaust Fans	-	-	25,000	-	-	-	25,000
Replacement	Scum Pump with Motor	-	-	20,000	-	25,000	-	45,000
Replacement	Serpentix Conveyor Pans	-	-	20,000	-	-	-	20,000
Replacement	Air Handling Unit, Motor Control Center Room	-	-	15,000	-	-	-	15,000
Replacement	Scum Tank Skimmer	-	-	15,000	-	-	-	15,000
Replacement	Screw Pump	-	-	-	85,000	-	-	85,000
Replacement	Caustic Metering Pump	-	-	-	45,000	-	-	45,000
Replacement	Underflow Valve Actuators	-	-	-	45,000	-	-	45,000
Replacement	Froth Spray Pump & Motor	-	-	-	40,000	-	-	40,000
Replacement	Vehicle 315	-	-	-	40,000	-	-	40,000
Replacement	Sludge Pump with motor	-	-	-	35,000	35,000	-	70,000
Replacement	Equipment E109CWA	-	-	-	25,000	-	-	25,000
Replacement	Equipment EFP0026B	-	-	-	25,000	-	-	25,000
Replacement	Equipment EFP0028B	-	-	-	25,000	-	-	25,000
Replacement	Equipment EFP0071	-	-	-	25,000	-	-	25,000
Replacement	Equipment EFP0072	-	-	-	25,000	-	-	25,000
Replacement	Vehicle 317	-	-	-	-	80,000	-	80,000
Replacement	Serpentix Conveyor Gearbox Motor and Parts	-	-	-	-	70,000	-	70,000
Replacement	Vehicle 314	-	-	-	-	70,000	-	70,000
Replacement	Vehicle 319	-	-	-	-	70,000	-	70,000
Replacement	Equipment EFP0015B	-	-	-	-	25,000	-	25,000
Replacement	Equipment EFP0020B	-	-	-	-	25,000	-	25,000
Replacement	Grit Influent Ammonia Meter	-	-	-	-	15,000	-	15,000
Replacement	Wet Weather Storage Trailer	-	-	-	-	15,000	-	15,000
Replacement	Vehicle 320	-	-	-	-	-	130,000	130,000
Replacement	Vehicle 295	-	-	-	-	-	120,000	120,000
Replacement	Storage Trailers	-	-	-	-	-	24,000	24,000
	Subtotal Field's Point	1,952,000	2,182,000	1,688,000	1,210,000	1,035,000	589,000	8,656,000
Bucklin Point								
Betterment	Exterior Stairs	140,000	-	-	-	-	-	140,000
Replacement	Scum Pump 1, Grinder and Mixer	90,000	35,000	35,000	40,000	40,000	40,000	280,000
Replacement	Return Activated Sludge Pumps 1-4	70,000	90,000	95,000	100,000	95,000	95,000	545,000
Replacement	Return Activated Sludge Pumps 5-7	70,000	-	65,000	-	-	-	135,000
Replacement	Sludge Pump 1 with Grinder	70,000	-	50,000	-	50,000	-	170,000
Replacement	Bar Rack 2	60,000	-	-	40,000	100,000	-	200,000
Replacement	Vehicle 330	55,000	-	-	-	-	-	55,000
Replacement	Vehicle 351	55,000	-	-	-	-	-	55,000
Replacement	Booster Pump 2 Methane Gas	55,000	-	-	-	-	-	55,000
Replacement	Sewage Pump Saylesville Pump Station	48,000	-	-	-	-	-	48,000
Replacement	Sewage Pump Washington Highway Pump Station	48,000	50,000	-	-	-	-	98,000
Replacement	Control Module Boards and Bank Control Boards	45,000	-	75,000	-	-	80,000	200,000
Replacement	Scum Pump 1	40,000	-	-	-	-	-	40,000
Replacement	Scum Pump 2	40,000	-	-	50,000	-	-	90,000
Replacement	Scum Pump 3	40,000	-	-	-	-	-	40,000

Operating Capital Program Summary by Fiscal Year

Asset Type	Asset Title	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total Cost
Replacement	Dewatering Pump	35,000	-	-	-	-	-	35,000
Replacement	Flushing Water Pump 3 with AES Seal	30,000	-	-	30,000	-	-	60,000
Replacement	Uninterruptible Power Supply	30,000	30,000	32,000	32,000	35,000	35,000	194,000
Replacement	Control Panels	30,000	30,000	30,000	35,000	35,000	40,000	200,000
Replacement	Vehicle Lift	30,000	30,000	-	-	-	35,000	95,000
Replacement	Thickener Waste Pump	30,000	-	30,000	-	35,000	-	95,000
Replacement	Hypochlorite Pump	30,000	-	-	-	30,000	-	60,000
Replacement	Sewage Pump 3	30,000	-	-	-	-	40,000	70,000
Replacement	Flow Meter	26,000	-	-	-	-	-	26,000
Replacement	Limortorque Actuators and Gearbox	25,000	-	-	-	100,000	-	125,000
Replacement	Grit Pump 1	25,000	10,000	10,000	10,000	10,000	10,000	75,000
Replacement	Actuators	25,000	-	-	-	-	-	25,000
Replacement	Actuators for Sluice Gates	25,000	-	-	-	-	-	25,000
Replacement	Confined Space Safety Equipment	25,000	-	-	-	-	-	25,000
Replacement	Harmonic Filters	24,000	-	-	-	-	-	24,000
Replacement	Sump Pumps	15,000	-	-	-	40,000	-	55,000
Replacement	Steel Door	15,000	-	-	-	-	-	15,000
Replacement	Wash Water Booster Pump	15,000	-	-	-	-	-	15,000
Replacement	George Panel	-	400,000	-	-	-	-	400,000
Replacement	Vehicle 368	-	85,000	-	-	-	-	85,000
Replacement	Screw Pump 4	-	75,000	-	-	-	-	75,000
Replacement	Waste Pump	-	50,000	-	-	60,000	-	110,000
Replacement	Ultraviolet Probe	-	50,000	-	-	-	-	50,000
Replacement	Vehicle 344	-	50,000	-	-	-	-	50,000
Replacement	Air Filter Box	-	45,000	-	45,000	-	-	90,000
Replacement	Vortex Collector Motor and Gearbox	-	35,000	-	-	-	-	35,000
Replacement	Vent Fan	-	20,000	-	-	-	20,000	40,000
Replacement	Bisulfite Tanks 1 and 2	-	20,000	-	-	-	-	20,000
Replacement	Equipment EE111A	-	20,000	-	-	-	-	20,000
Replacement	SCAG Turf Mower	-	20,000	-	-	-	-	20,000
Replacement	Aeration Tank Diffusers	-	16,000	-	-	-	-	16,000
Replacement	Actuator Valves	-	15,000	-	-	-	-	15,000
Replacement	MAG Meter (4" & 6")	-	15,000	-	-	-	-	15,000
Replacement	Equipment E118A	-	10,000	-	-	-	-	10,000
Replacement	Manual Hoists	-	10,000	-	-	-	-	10,000
Replacement	Meter and Transmitter	-	10,000	-	-	-	-	10,000
Replacement	Total Suspended Solids Meter	-	10,000	-	-	-	-	10,000
Replacement	Equipment E0102A	-	8,000	-	-	-	-	8,000
Replacement	Gas Detection System	-	8,000	-	-	-	-	8,000
Replacement	Equipment E0102A	-	7,000	-	-	-	-	7,000
Replacement	Influent Flow Meter	-	6,000	-	-	-	-	6,000
Replacement	Centrifugal Blower 1	-	-	300,000	-	-	-	300,000
Replacement	Variable Frequency Drives	-	-	115,000	-	-	40,000	155,000
Replacement	Muffin Monster Cutting Assembly Motor & SS BOX	-	-	50,000	-	-	-	50,000
Replacement	Vehicle 331	-	-	45,000	-	-	-	45,000
Replacement	Equipment E0065A	-	-	30,000	-	-	-	30,000
Replacement	Mixers for Primary Digesters and Scum Well	-	-	-	382,000	-	-	382,000
Replacement	Dissolved Oxygen Sensors	-	-	-	120,000	-	-	120,000
Replacement	Gravity Belt Thickener	-	-	-	40,000	-	-	40,000
Replacement	Return Activated Sludge Pump 6 Rebuild	-	-	-	40,000	-	-	40,000
Replacement	Bisulfite Pumps	-	-	-	10,000	-	10,000	20,000
Replacement	Blower 1	-	-	-	-	140,000	-	140,000
Replacement	Nitrate Probes and Sensors	-	-	-	-	60,000	-	60,000
Replacement	Mixer with Motor	-	-	-	-	45,000	-	45,000
Replacement	Poly Emulsion Pump	-	-	-	-	45,000	-	45,000
Replacement	Vehicle 306	-	-	-	-	40,000	-	40,000
Replacement	Carbon Feed Tubing Pumps 1-6	-	-	-	-	25,000	-	25,000
Replacement	Equipment E0065	-	-	-	-	25,000	-	25,000
Replacement	Sludge Feed Pump 1	-	-	-	-	25,000	-	25,000
Replacement	Hyper Bolic Mixers	-	-	-	-	18,000	-	18,000
Replacement	Carbon Recirculation Pump	-	-	-	-	15,000	-	15,000
Replacement	Dissolved Oxygen Valve Limitorque Tanks 1-4	-	-	-	-	-	30,000	30,000
Replacement	Screening Conveyor	-	-	-	-	-	30,000	30,000
Replacement	Uninterruptible Power Supply Battery	-	-	-	-	-	30,000	30,000
Replacement	Voltage Regulator	-	-	-	-	-	20,000	20,000
	Subtotal Bucklin Point	1,391,000	1,260,000	962,000	974,000	1,068,000	555,000	6,210,000
ENVIRONMENTAL SCIENCE and COMPLIANCE								
Technical Analysis and Compliance								
Replacement	Door Lock Upgrades	10,000	-	-	-	-	-	10,000
	Subtotal Technical Analysis and Compliance	10,000	-	-	-	-	-	10,000
Pretreatment								
Replacement	Vehicle 339	45,000	-	-	-	-	-	45,000
Replacement	Vehicle 342	-	-	45,000	-	-	-	45,000
Replacement	Vehicle 325	-	-	-	-	45,000	-	45,000
	Subtotal Pretreatment	45,000	-	45,000	-	45,000	-	135,000
Laboratory								
Replacement	Water Purification System	250,000	-	-	-	-	260,000	510,000
Replacement	Auto-Titration System	100,000	-	-	-	-	131,000	231,000
Replacement	Total Organic Carbon System	83,000	-	-	-	-	83,000	166,000
Replacement	Microbiology Microscope System	64,000	-	-	-	-	64,000	128,000
New	Laboratory Information Management Systems Upgrades	50,000	-	50,000	-	50,000	-	150,000
Replacement	Laboratory Refrigerators	40,000	30,000	-	-	-	42,000	112,000

Operating Capital Program Summary by Fiscal Year

Asset Type	Asset Title	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total Cost
Replacement	Gas Chromatography Analyzer	-	182,000	-	-	-	-	182,000
Replacement	Laboratory Dish Washers	-	77,000	-	-	-	-	77,000
Replacement	Biological Media Dispenser	-	54,000	-	-	-	-	54,000
Replacement	Autoclave 2	-	54,000	-	-	-	-	54,000
Replacement	Mercury Analyzer	-	40,000	-	-	-	-	40,000
Replacement	Temperature Monitoring System	-	30,000	-	-	-	-	30,000
Replacement	Analytical Balances	-	25,300	-	-	-	-	25,300
Betterment	Laboratory Information Management Systems Upgrades	-	20,000	-	20,000	-	20,000	60,000
Replacement	Liquid Chromatograph-Management System	-	-	623,000	-	-	-	623,000
Replacement	Autoclave 1	-	-	54,000	-	-	-	54,000
Replacement	Extractor System for Pre and Polyfluoroalkyl Substances Analyses	-	-	40,000	-	-	-	40,000
Replacement	Spectrophotometers	-	-	20,000	-	-	-	20,000
Replacement	Nitrogen Gas Generator	-	-	10,000	-	-	-	10,000
Replacement	Inductively Coupled Plasma-Mass Spectrometer Analyzer	-	-	-	227,000	-	-	227,000
Replacement	Salt Water Nutrient Analyzer	-	-	-	154,700	-	-	154,700
Replacement	Inductively Coupled Plasma-Optical Emission Spectroscopy Industrial Metals Analyzer	-	-	-	133,000	-	-	133,000
Replacement	Laboratory Refrigerators	-	-	-	27,000	-	-	27,000
Replacement	Fresh Water Nutrient Analyzer	-	-	-	-	130,000	-	130,000
Replacement	Robotic Biochemical Oxygen Demand Analyzer	-	-	-	-	120,000	-	120,000
Replacement	Cyanide Analyzer	-	-	-	-	119,300	-	119,300
Replacement	Oil and Grease Extractor	-	-	-	-	80,000	-	80,000
Replacement	Fluorometer	-	-	-	-	15,000	-	15,000
	Subtotal Laboratory	587,000	512,300	797,000	561,700	514,300	600,000	3,572,300
Environmental Monitoring								
Replacement	Vehicle 340	50,000	-	-	-	-	-	50,000
Replacement	Fixed Site Sondes and Associated Equipment	45,000	47,000	47,000	50,000	50,000	53,000	292,000
Replacement	Fixed Site Probes, Handheld Meter, & Related Equipment	34,000	-	-	-	-	-	34,000
Replacement	Nutrient Deionized Water Unit	22,000	34,000	34,000	36,000	36,000	36,000	198,000
Replacement	Plant Deionized Water Units	22,000	-	-	-	-	-	22,000
Replacement	Deionized Water Units	-	47,000	-	-	-	-	47,000
Replacement	Freezer in EM Laboratory	-	10,000	-	-	-	-	10000
Replacement	Refrigerator in EM Laboratory	-	10,000	-	-	-	-	10,000
Replacement	Vehicle 324	-	-	58,000	-	-	-	58,000
Replacement	Vehicle 309	-	-	-	60,000	-	-	60,000
Replacement	Vehicle 300	-	-	-	-	62,000	-	62,000
Replacement	Deionized Water Units	-	-	-	-	-	53,000	53,000
	Subtotal Environmental Monitoring	173,000	148,000	139,000	146,000	148,000	142,000	896,000
	Total	**$ 5,248,000**	**$ 4,554,300**	**$ 3,898,000**	**$ 3,277,700**	**$ 3,196,300**	**$ 2,198,000**	**$ 22,372,300**

FY 2025 Operating Capital Program

Asset Type	Rank	Budget Account	Allocation	Asset Title	Asset Description	Budget
ADMINISTRATION						
Administration						
N	C	16610	OC25-021-001	Stormwater Education Resource Center	Demonstrate natural methods for mitigating stormwater	$ 50,000
					Subtotal Administration	50,000
Information Technology						
R	B	16555	OC25-033-001	Annual PC Refresh Program	Replace NBC personnel computers over 5 years	75,000
R	B	16555	OC25-033-002	SCADA Upgrade	Wind turbine monitoring hardware	50,000
R	C	16586	OC25-033-003	Large Form Scanner and Printer	Print blueprints and drawings	25,000
N	C	16550	OC25-033-004	Conference Room Upgrades	Ensure reliability of conference room technology to guarantee effective communications in meetings	25,000
N	C	16550	OC25-033-005	Computer Room Enhancements	Ensure reliability and efficiency of computer room	25,000
N	B	16550	OC25-033-006	Security Upgrades	To comply with insurance security requirements	50,000
N	B	16550	OC25-033-007	Panic Button	Summon emergency services in the event it is unsafe to use telephone	5,000
					Subtotal Information Technology	255,000
					Subtotal Administration	**305,000**
CONSTRUCTION and ENGINEERING						
Construction Services						
R	B	16515	OC25-022-001	Vehicle 357	Transport personnel to and from construction sites	50,000
R	B	16515	OC25-022-002	Vehicle 343	Transport personnel to and from construction sites	45,000
					Subtotal Construction Services	95,000
Engineering						
R	B	16595	OC25-025-001	GPS Rover	Provides critical information for projects and operations	40,000
R	B	16595	OC25-025-002	Survey Equipment	Field surveying	20,000
					Subtotal Engineering	60,000
					Subtotal Construction and Engineering	**155,000**
FINANCE						
Finance						
N	C	16550	OC25-031-001	Financial Reporting Software	Enhancements to financial reporting software	75,000
					Subtotal Finance	75,000
Customer Care						
N	A	16550	OC25-034-001	CIS Migration to Cloud	CIS migration to Cloud and customer service portal enhancements	250,000
N	C	16550	OC25-034-002	Customer Care Systems upgrade	Enhance customer care related technological processes as needed	50,000
R	B	16515	OC25-034-003	Vehicle 316	Customer site visits and meter readings	40,000
					Subtotal Customer Care	340,000
					Subtotal Finance	**415,000**
OPERATIONS AND MAINTENANCE						
Interceptor Maintenance						
R	A	16515	OC25-043-001	Vehicle 472	Clear easements, load materials, move winter salt excavations and construction repairs	150,000
R	A	16515	OC25-043-002	Vehicle 334	Daily field work and inspections	65,000
					Subtotal Interceptor Maintenance	215,000
Field's Point						
R	B	16515	OC25-046-001	Vehicle 353	Used for disposal of solids	265,000
R	A	16525	OC25-046-002	Main Transformer - 400KVA	Assure safety of plant operations and reliability	225,000
R	A	16525	OC25-046-003	Bar Racks	Removes large objects from influent	165,000
R	A	16525	OC25-046-004	Tunnel Pump Motor	Powers the pump to flow influent to WWTF	130,000
R	A	16525	OC25-046-005	Internal Mixed Liquor Recycle Valves	Isolates the flow when the pump is off to prevent media from leaving the IFAS Zone	120,000
R	A	16525	OC25-046-006	Grit Tank Unit	Allows grit to settle which then is pumped to grit building	115,000
R	A	16525	OC25-046-007	Hypochlorite Pump and Motor	Chlorination of wastewater	115,000
R	A	16525	OC25-046-008	Relays	Assure higher reliability at main switchgear	100,000
B	A	16615	OC25-046-009	Exterior Stairs	Rehabilitation of various stairs at Field's Point due to deterioration	90,000
R	A	16525	OC25-046-010	Influent Cylinders	Controls flow to tanks for treatment in heavy wet weather events	75,000
R	B	16525	OC25-046-011	Sludge Grinder Cartridges	Grinds large objects in sludge	60,000
R	A	16515	OC25-046-012	Vehicle 352	Daily field work and inspections	60,000
R	A	16525	OC25-046-013	Dezurik Valves	Isolates pumps	40,000
N	B	16520	OC25-046-014	Equipment 109A	Safety hoist to enter confined spaces	40,000
R	A	16525	OC25-046-015	Automatic Transfer Switch	Ensure the PLC cabinet is always powered	40,000
R	A	16525	OC25-046-016	Hydraulic Power System	Critical in operating sluice gates that regulate flow through the plant	35,000
R	A	16525	OC25-046-017	Hypochlorite Lines	Carries the critical chemical through the disinfection process	35,000
R	A	16525	OC25-046-018	Hypochlorite Storage Tanks Relining	Store chemicals	30,000
R	B	16525	OC25-046-019	Flow Meters	Measures flow	30,000
R	A	16525	OC25-046-020	Actuators	Critical air supply and RAS control of IFAS process	30,000
R	B	16515	OC25-046-021	Equipment E0070	Operations plant wide use	30,000
R	A	16525	OC25-046-022	Influent Cylinders	Raise and lower sluice gates at pump station wet well	25,000
R	A	16525	OC25-046-023	Dewatering Pump	Dewaters tanks	25,000
R	A	16525	OC25-046-024	Sump Pump	Prevents flooding in building	25,000
R	A	16525	OC25-046-025	Screw Pump Influent Sluice Gate Actuator	Open and close sluice gate to fill tanks	20,000
R	B	16525	OC25-046-026	Equipment E0025	Repair and install equipment high above floor	15,000
R	B	16525	OC25-046-027	Variable Frequency Drive	Ensures plant water reliability	12,000
						1,952,000
Bucklin Point						
B	A	16615	OC25-047-001	Exterior Stairs	Rehabilitation of various stairs at Bucklin Point due to deterioration	140,000
R	A	16525	OC25-047-002	Scum Pump 1, Grinder and Mixer	Pumps and grinds any large objects	90,000
R	B	16525	OC25-047-003	Return Activated Sludge Pumps 1-4	Returns activated sludge	70,000
R	B	16525	OC25-047-004	Return Activated Sludge Pumps 5-7	Returns activated sludge	70,000
R	A	16525	OC25-047-005	Sludge Pump 1 with Grinder	Pumps sludge and grinds any large objects	70,000
R	A	16525	OC25-047-006	Bar Rack 2	Removes large objects from influent	60,000
R	B	16515	OC25-047-007	Vehicle 330	Daily field work and inspections	55,000
R	B	16515	OC25-047-008	Vehicle 351	Daily field work and inspections	55,000
R	A	16525	OC25-047-009	Booster Pump 2 Methane Gas	Transfers methane gas to boiler	55,000
R	A	16525	OC25-047-010	Sewage Pump Saylesville Pump Station	Pumps sewage	48,000
R	A	16525	OC25-047-011	Sewage Pump Washington Highway Pump Station	Pumps sewage	48,000
R	A	16525	OC25-047-012	Control Module Boards and Bank Control Boards	Communicates and sends information to the controller	45,000
R	A	16525	OC25-047-013	Scum Pump 1	Moves the scum to the wells to be removed	40,000
R	A	16525	OC25-047-014	Scum Pump 2	Moves the scum to the wells to be removed	40,000
R	A	16525	OC25-047-015	Scum Pump 3	Moves the scum to the wells to be removed	40,000
R	B	16525	OC25-047-016	Dewatering Pump	Separates water from the sludge	35,000
R	B	16525	OC25-047-017	Flushing Water Pump 3 with AES Seal	Supplies plant water to Bucklin Point campus	30,000
R	A	16525	OC25-047-018	Uninterruptible Power Supply	Ensures reliability	30,000
R	B	16525	OC25-047-019	Control Panels	Motor Control Center	30,000
R	B	16515	OC25-047-020	Vehicle Lift	To perform service on vehicles	30,000

FY 2025 Operating Capital Program

Asset Type	Rank	Budget Account	Allocation	Asset Title	Asset Description	Budget
R	A	16525	OC25-047-021	Thickener Waste Pump	Pumps higher percent of solids and higher viscosity fluids	30,000
R	A	16525	OC25-047-022	Hypochlorite Pump	Supplies Sodium Hypochlorite to effluent	30,000
R	A	16525	OC25-047-023	Sewage Pump 3	Pumps sewage	30,000
R	B	16525	OC25-047-024	Flow Meter	Measures flow	26,000
R	B	16525	OC25-047-025	Limortorque Actuators and Gearbox	Controls amount of air put into aeration tanks	25,000
R	A	16525	OC25-047-026	Grit Pump 1	Removes grit from influent	25,000
R	B	16525	OC25-047-027	Actuators	Open and close valves	25,000
R	B	16525	OC25-047-028	Actuators for Sluice Gates	Open and close valves	25,000
R	B	16525	OC25-047-029	Confined Space Safety Equipment	Safety hoist to enter confined spaces	25,000
R	B	16525	OC25-047-030	Harmonic Filters	Prevents unwanted materials from entering the system	24,000
R	B	16525	OC25-047-031	Sump Pumps	Prevents flooding in buildings	15,000
R	B	16615	OC25-047-032	Steel Door	Exterior door to wet weather effluent pump station	15,000
R	B	16525	OC25-047-033	Wash Water Booster Pump	Cleans gravity thickener belt	15,000
					Subtotal Bucklin Point	1,391,000
					Subtotal Operations and Maintenance	**3,558,000**
ENVIRONMENTAL SCIENCE and COMPLIANCE						
Technical Analysis & Compliance						
N	B	16610	OC-25-051-001	Door Lock	Deadbolt system at all NBC buildings on Field's Point campus to create active shooter safe rooms	10,000
					Subtotal Technical Analysis & Compliance	10,000
Pretreatment						
R	A	16515	OC-25-052-001	Vehicle 339	Conduct inspections and investigations	45,000
					Subtotal Pretreatment	45,000
Laboratory						
R	A	16575	OC25-053-001	Water Purification System	Reagent preparation for all lab tests that require analytical grade purified water.	250,000
R	A	16575	OC25-053-002	Auto-Titration System	Test for low and high alkalinity in FP/BP plant samples	100,000
R	A	16575	OC25-053-003	Total Organic Carbon System	Test for total organic carbon in FP and BP plants	83,000
R	A	16575	OC25-053-004	Microbiology Microscope System	Biological examinations of FP/BP plants and plankton samples	64,000
N	B	16550	OC25-053-005	Laboratory Information Management Systems Upgrades	New enhancements to the Laboratory Information Management System	50,000
R	A	16575	OC25-053-006	Laboratory Refrigerators	Stores permit samples according to regulations	40,000
					Subtotal Laboratory	587,000
Environmental Monitoring						
R	A	16515	OC25-055-001	Vehicle 340	Field sample collections	50,000
R	A	16575	OC25-055-002	Fixed Site Sondes and Associated Equipment	NBC fixed site and buoy stations in upper bay.	45,000
R	A	16575	OC25-055-003	Fixed Site Probes, Handheld Meter, & Related Equipment	Provides river data during nutrients sample collections and used in equipment calibrations	34,000
R	A	16575	OC25-055-004	Nutrient Deionized Water Unit	QA/QC Samples, bottle and equipment cleaning/rinsing, and equipment calibration.	22,000
R	A	16575	OC25-055-005	Plant Deionized Water Units	QA/QC Samples, bottle and equipment cleaning/rinsing, and equipment calibration.	22,000
					Subtotal Environmental Monitoring	173,000
					Subtotal Environmental Science and Compliance	**815,000**
					Total Operating Capital FY 2025	**$ 5,248,000**

ASSET TYPE

- **R** Replacement
- **N** New
- **B** Betterment

RANK

- **A** Priority Rank A - Critical to Operations
- **B** Priority Rank B - Essential
- **C** Priority Rank C - Discretionary

Asset Allocation No.	**OC25-021-001**						
Asset Title:	**Screen & Grit Stormwater Education Resource Center**	**Cost Center:**	Administration				
Asset Location:	Field's Point and Pretreatment Building	**Amount:**	$	50,000	**Priority Ranking:**	C	
Need identified:	☐ Asset Management	☐ Inspection			☑ Other		
Asset Description:	Demonstrate natural methods for mitigating stormwater.						
Budget Account:	16610 Building & Other Structures						
Type:	NEW			**Actual Useful Life:**	10 Years		
Original date in service:	N/A			**Original estimated Actual Useful Life:**		N/A	

Asset Allocation No.	**OC25-033-001**						
Asset Title:	**Annual PC Refresh Program**	**Cost Center:**	Information Technology				
Asset Location:	All NBC Locations	**Amount:**	$	75,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☐ Inspection			☑ Other		
Asset Description:	Replace NBC personnel computers over 5 years.						
Budget Account:	16555 Computer Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	5 Years		
Original date in service:	2019			**Original estimated Actual Useful Life:**		5 Years	

Asset Allocation No.	**OC25-033-002**						
Asset Title:	**SCADA Upgrade**	**Cost Center:**	Information Technology				
Asset Location:	Field's Point	**Amount:**	$	50,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☐ Inspection			☑ Other		
Asset Description:	Turbine monitoring hardware.						
Budget Account:	16555 Computer Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	5 Years		
Original date in service:	2019			**Original estimated Actual Useful Life:**		5 Years	

Asset Allocation No.	**OC25-033-003**						
Asset Title:	**Large form Scanner and Printer**	**Cost Center:**	Information Technology				
Asset Location:	Corporate Office Building	**Amount:**	$	25,000	**Priority Ranking:**	C	
Need identified:	☐ Asset Management	☐ Inspection			☑ Other		
Asset Description:	Print blueprints and drawings.						
Budget Account:	16586 Office Furniture & Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	4 Years		
Original date in service:	2020			**Original estimated Actual Useful Life:**		4 Years	

Asset Allocation No.	**OC25-033-004**				
Asset Title:	**Conference Room Upgrades**	**Cost Center:**	Information Technology		
Asset Location:	All NBC Locations	**Amount:**	$ 25,000	**Priority Ranking:**	C
Need identified:	☐ Asset Management	☐ Inspection	☑ Other		
Asset Description:	Ensure reliability of conference room technology to guarantee effective communication and meetings.				
Budget Account:	16550 Computer Equipment				
Type:	NEW		**Actual Useful Life:**	3 Years	
Original date in service:	N/A		**Original estimated Actual Useful Life:**	3 Years	

Asset Allocation No.	**OC25-033-005**				
Asset Title:	**Computer Room Enhancements**	**Cost Center:**	Information Technology		
Asset Location:	Corporate Office Building	**Amount:**	$ 25,000	**Priority Ranking:**	C
Need identified:	☐ Asset Management	☐ Inspection	☑ Other		
Asset Description:	Ensure reliability and efficiency of computer room.				
Budget Account:	16550 Computer Equipment				
Type:	NEW		**Actual Useful Life:**	3 Years	
Original date in service:	N/A		**Original estimated Actual Useful Life:**	3 Years	

Asset Allocation No.	**OC25-033-006**				
Asset Title:	**Security Upgrades**	**Cost Center:**	Information Technology		
Asset Location:	All NBC locations	**Amount:**	$ 50,000	**Priority Ranking:**	B
Need identified:	☐ Asset Management	☐ Inspection	☑ Other		
Asset Description:	To comply with insurance security requirements.				
Budget Account:	16550 Computer Equipment				
Type:	NEW		**Actual Useful Life:**	3 Years	
Original date in service:	N/A		**Original estimated Actual Useful Life:**	3 Years	

Asset Allocation No.	**OC25-033-007**				
Asset Title:	**Panic Button**	**Cost Center:**	Information Technology		
Asset Location:	Water Quality Science Building	**Amount:**	$ 5,000	**Priority Ranking:**	B
Need identified:	☐ Asset Management	☐ Inspection	☑ Other		
Asset Description:	Summon emergency services in the event it is unsafe to use telephone.				
Budget Account:	16550 Computer Equipment				
Type:	NEW		**Actual Useful Life:**	30 Years	
Original date in service:	N/A		**Original estimated Actual Useful Life:**	N/A	

Asset Allocation No.	**OC25-022-001**				
Asset Title:	**Vehicle 357**	**Cost Center:**	Construction Services		
Asset Location:	Field's Point	**Amount:**	$ 50,000	**Priority Ranking:**	B
Need identified:	☐ Asset Management	☑ Inspection		☐ Other	
Asset Description:	Transport personnel to and from construction sites.				
Budget Account:	16515 Automotive Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	10 Years	
Original date in service:	2012		**Original estimated Actual Useful Life:**	10 Years	

Asset Allocation No.	**OC25-022-002**				
Asset Title:	**Vehicle 343**	**Cost Center:**	Construction Services		
Asset Location:	Field's Point	**Amount:**	$ 45,000	**Priority Ranking:**	B
Need identified:	☐ Asset Management	☑ Inspection		☐ Other	
Asset Description:	Transport personnel to and from construction sites.				
Budget Account:	16515 Automotive Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	10 Years	
Original date in service:	2015		**Original estimated Actual Useful Life:**	10 Years	

Asset Allocation No.	**OC25-025-001**				
Asset Title:	**GPS Rover**	**Cost Center:**	Engineering		
Asset Location:	Corporate Office Building	**Amount:**	$ 40,000	**Priority Ranking:**	B
Need identified:	☐ Asset Management	☑ Inspection		☐ Other	
Asset Description:	Provides critical information for projects and operations.				
Budget Account:	16595 Other Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	13 Years	
Original date in service:	2011		**Original estimated Actual Useful Life:**	7 Years	

Asset Allocation No.	**OC25-025-002**				
Asset Title:	**Survey Equipment**	**Cost Center:**	Engineering		
Asset Location:	Corporate Office Building	**Amount:**	$ 20,000	**Priority Ranking:**	B
Need identified:	☐ Asset Management	☑ Inspection		☐ Other	
Asset Description:	Field surveying.				
Budget Account:	16595 Other Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	7 Years	
Original date in service:	2017		**Original estimated Actual Useful Life:**	7 Years	

Asset Allocation No.	**OC25-031-001**						
Asset Title:	**Financial Reporting Software**	**Cost Center:**	Finance				
Asset Location:	Corporate Office Building	**Amount:**	$	75,000	**Priority Ranking:**	C	
Need identified:	☐ Asset Management	☐ Inspection			☑ Other		
Asset Description:	Enhancements to financial reporting software.						
Budget Account:	16550 Computer Equipment						
Type:	NEW			**Actual Useful Life:**	3 Years		
Original date in service:	N/A			**Original estimated Actual Useful Life:**		3 Years	

Asset Allocation No.	**OC25-034-001**						
Asset Title:	**CIS Migration to Cloud**	**Cost Center:**	Customer Care				
Asset Location:	All NBC Locations	**Amount:**	$	250,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☐ Inspection			☑ Other		
Asset Description:	CIS migration to cloud and customer care portal enhancements.						
Budget Account:	16550 Computer Equipment						
Type:	NEW			**Actual Useful Life:**	3 Years		
Original date in service:	N/A			**Original estimated Actual Useful Life:**		3 Years	

Asset Allocation No.	**OC25-034-002**						
Asset Title:	**Customer Care Systems Upgrade**	**Cost Center:**	Customer Care				
Asset Location:		**Amount:**	$	50,000	**Priority Ranking:**	C	
Need identified:	☐ Asset Management	☐ Inspection			☑ Other		
Asset Description:	Enhance Customer Care related technological processes as needed.						
Budget Account:	16550 Computer Equipment						
Type:	NEW			**Actual Useful Life:**	3 Years		
Original date in service:	N/A			**Original estimated Actual Useful Life:**		3 Years	

Asset Allocation No.	**OC25-034-003**						
Asset Title:	**Vehicle 316**	**Cost Center:**	Customer Care				
Asset Location:		**Amount:**	$	40,000	**Priority Ranking:**	B	
Need identified:	☑ Asset Management	☐ Inspection			☐ Other		
Asset Description:	Customer site visits and meter readings.						
Budget Account:	16515 Automotive Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	6 Years		
Original date in service:	2018			**Original estimated Actual Useful Life:**		5 Years	

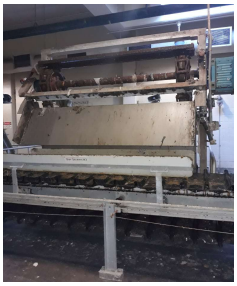
Asset Allocation No.	**OC25-043-001**				
Asset Title:	**Vehicle 472**	**Cost Center:**	Interceptor Maintenance		
Asset Location:	Interceptor Maintenance Dept.	**Amount:**	$ 150,000	**Priority Ranking:**	A
Need identified:	☑ Asset Management	☐ Inspection		☐ Other	
Asset Description:	Clear easements, load materials, move winter salt excavations, and construction repairs.				
Budget Account:	16515 Automotive Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	16 Years	
Original date in service:	2008		**Original estimated Actual Useful Life:**	5 Years	

Asset Allocation No.	**OC25-043-002**				
Asset Title:	**Vehicle 334**	**Cost Center:**	Interceptor Maintenance		
Asset Location:	Interceptor Maintenance Dept.	**Amount:**	$ 65,000	**Priority Ranking:**	A
Need identified:	☑ Asset Management	☐ Inspection		☐ Other	
Asset Description:	Daily field work and inspections.				
Budget Account:	16515 Automotive Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	8 Years	
Original date in service:	2016		**Original estimated Actual Useful Life:**	5 Years	

Asset Allocation No.	**OC25-046-001**				
Asset Title:	**Vehicle 353**	**Cost Center:**	Field's Point		
Asset Location:	Field's Point	**Amount:**	$ 265,000	**Priority Ranking:**	B
Need identified:	☑ Asset Management	☐ Inspection		☐ Other	
Asset Description:	Used for disposal of solids.				
Budget Account:	16515 Automotive Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	10 Years	
Original date in service:	2014		**Original estimated Actual Useful Life:**	5 Years	

Asset Allocation No.	**OC25-046-002**				
Asset Title:	**Main Transformer - 400KVA**	**Cost Center:**	Field's Point		
Asset Location:	Field's Point	**Amount:**	$ 225,000	**Priority Ranking:**	A
Need identified:	☑ Asset Management	☐ Inspection		☐ Other	
Asset Description:	Assure safety of plant operations and reliability.				
Budget Account:	16525 Building and Plant Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	12 Years	
Original date in service:	2012		**Original estimated Actual Useful Life:**	7 Years	

Asset Allocation No.	**OC25-046-003**						
Asset Title:	**Bar Racks**	**Cost Center:**	Field's Point				
Asset Location:	Ernest St. Pump Station - Influent Pumping	**Amount:**	$	165,000	**Priority Ranking:**	A	
Need identified:	☑ Asset Management	☐ Inspection			☐ Other		
Asset Description:	Removes large objects from influent.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	8 Years		
Original date in service:	2016			**Original estimated Actual Useful Life:**		7 Years	



Asset Allocation No.	**OC25-046-004**						
Asset Title:	**Tunnel Pump Motor**	**Cost Center:**	Field's Point				
Asset Location:	Tunnel Pump Station	**Amount:**	$	130,000	**Priority Ranking:**	A	
Need identified:	☑ Asset Management	☐ Inspection			☐ Other		
Asset Description:	Powers the pump to flow influent to WWTF.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	16 Years		
Original date in service:	2008			**Original estimated Actual Useful Life:**		7 Years	

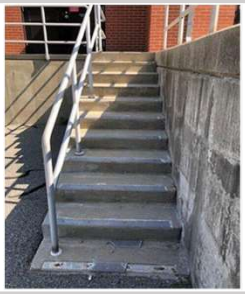
Asset Allocation No.	**OC25-046-005**						
Asset Title:	**Internal Mixed Liquor Recycle Valves**	**Cost Center:**	Field's Point				
Asset Location:	IFAS Tank #9	**Amount:**	$	120,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Isolates the flow when the pump is off to prevent media from leaving IFAS Zone.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	14 Years		
Original date in service:	2010			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-046-006**						
Asset Title:	**Grit Tank Unit**	**Cost Center:**	Field's Point				
Asset Location:	Grit Building - Preliminary Treatment	**Amount:**	$	115,000	**Priority Ranking:**	A	
Need identified:	☑ Asset Management	☐ Inspection			☐ Other		
Asset Description:	Allows grit to settle which then is pumped to grit building.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	7 Years		
Original date in service:	2017			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-046-007**						
Asset Title:	**Hypochlorite Pump and Motor**	**Cost Center:**	Field's Point				
Asset Location:	Field's Point Hypo Farm	**Amount:**	$	115,000	**Priority Ranking:**	A	
Need identified:	☑ Asset Management	☐ Inspection			☐ Other		
Asset Description:	Chlorination of wastewater.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	29 Years		
Original date in service:	1998			**Original estimated Actual Useful Life:**		7 Years	

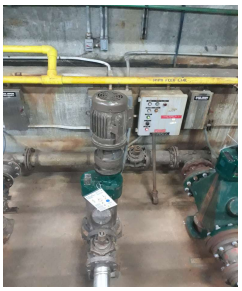
Asset Allocation No.	**OC25-046-008**						
Asset Title:	**Relays**	**Cost Center:**	Field's Point				
Asset Location:	Wind Turbine Feeder	**Amount:**	$	100,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Assure higher reliability at main switch gear.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	15 Years		
Original date in service:	2009			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-046-009**						
Asset Title:	**Exterior Stairs**	**Cost Center:**	Field's Point				
Asset Location:	Throughout the FP WWTF	**Amount:**	$	90,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Rehabilitation of various stairs at Field's Point WWTF due to deterioration.						
Budget Account:	16615 Building & Other Structures Replacement						
Type:	BETTERMENT			**Actual Useful Life:**	Varies		
Original date in service:	Varies			**Original estimated Actual Useful Life:**		50 Years	



Asset Allocation No.	**OC25-046-010**						
Asset Title:	**Influent Cylinders**	**Cost Center:**	Field's Point				
Asset Location:	FP Wet Weather Pump Station	**Amount:**	$	75,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Controls flow to tanks for treatment in heavy wet weather events.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	34 Years		
Original date in service:	1990			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-046-011**				
Asset Title:	**Sludge Grinder Cartridges**	**Cost Center:**	Field's Point		
Asset Location:	FP Primary Sludge Pump Station	**Amount:**	$ 60,000	**Priority Ranking:**	B
Need identified:	☑ Asset Management	☐ Inspection		☐ Other	
Asset Description:	Grinds large objects in sludge.				
Budget Account:	16525 Building and Plant Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	7 Years	
Original date in service:	2017		**Original estimated Actual Useful Life:**	7 Years	



Asset Allocation No.	**OC25-046-012**				
Asset Title:	**Vehicle 352**	**Cost Center:**	Field's Point		
Asset Location:	Ernest St. Pump Station - Influent Pumping	**Amount:**	$ 60,000	**Priority Ranking:**	A
Need identified:	☑ Asset Management	☐ Inspection		☐ Other	
Asset Description:	Daily field work and inspections.				
Budget Account:	16515 Automotive Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	11 Years	
Original date in service:	2013		**Original estimated Actual Useful Life:**	5 Years	

Asset Allocation No.	**OC25-046-013**				
Asset Title:	**Dezurik Valves**	**Cost Center:**	Field's Point		
Asset Location:	Field's Point - RAS 2	**Amount:**	$ 40,000	**Priority Ranking:**	A
Need identified:	☐ Asset Management	☑ Inspection		☐ Other	
Asset Description:	Isolate Pumps.				
Budget Account:	16525 Building and Plant Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	10 Years	
Original date in service:	2014		**Original estimated Actual Useful Life:**	7 Years	

Asset Allocation No.	**OC25-046-014**				
Asset Title:	**Equipment 109A**	**Cost Center:**	Field's Point		
Asset Location:	Field's Point	**Amount:**	$ 40,000	**Priority Ranking:**	B
Need identified:	☑ Asset Management	☐ Inspection		☐ Other	
Asset Description:	Safety hoist to enter confined spaces.				
Budget Account:	16520 Building and Plant Equipment				
Type:	NEW		**Actual Useful Life:**	N/A	
Original date in service:	N/A		**Original estimated Actual Useful Life:**	7 Years	

Asset Allocation No.	**OC25-046-015**					
Asset Title:	**Automatic Transfer Switch**	**Cost Center:**	Field's Point			
Asset Location:	Grit Building	**Amount:**	$ 40,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection		☐ Other		
Asset Description:	Ensure the programmable logic controller cabinet is always powered.					
Budget Account:	16525 Building and Plant Equipment Replacement					
Type:	REPLACEMENT		**Actual Useful Life:**	34 Years		
Original date in service:	1990		**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-046-016**					
Asset Title:	**Hydraulic Power System**	**Cost Center:**	Field's Point			
Asset Location:	Ernest St. Pump Station - Wet Weather Grit Units	**Amount:**	$ 35,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection		☐ Other		
Asset Description:	Critical in operating sluice gates that regulate flow through the plant.					
Budget Account:	16525 Building and Plant Equipment Replacement					
Type:	REPLACEMENT		**Actual Useful Life:**	34 Years		
Original date in service:	1990		**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-046-017**					
Asset Title:	**Hypochlorite Lines**	**Cost Center:**	Field's Point			
Asset Location:	Underground Field's Point	**Amount:**	$ 35,000	**Priority Ranking:**	A	
Need identified:	☑ Asset Management	☐ Inspection		☐ Other		
Asset Description:	Carries the critical chemicals through the disinfection process.					
Budget Account:	16525 Building and Plant Equipment Replacement					
Type:	REPLACEMENT		**Actual Useful Life:**	3 Years		
Original date in service:	2021		**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-046-018**					
Asset Title:	**Hypochlorite Storage Tanks Relining**	**Cost Center:**	Field's Point			
Asset Location:	Field's Point Hypo Building	**Amount:**	$ 30,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection		☐ Other		
Asset Description:	Store chemicals.					
Budget Account:	16525 Building and Plant Equipment Replacement					
Type:	REPLACEMENT		**Actual Useful Life:**	26 Years		
Original date in service:	1998		**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-046-019**						
Asset Title:	**Flow Meters**	**Cost Center:**	Field's Point				
Asset Location:	Primary Sludge Pump Station	**Amount:**	$	30,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Measures flow in Primary Sludge Pump Station.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT				**Actual Useful Life:**	11 Years	
Original date in service:	2013				**Original estimated Actual Useful Life:**	7 Years	

Asset Allocation No.	**OC25-046-020**						
Asset Title:	**Actuators**	**Cost Center:**	Field's Point				
Asset Location:	IFAS Tanks	**Amount:**	$	30,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Critical air supply and RAS control of IFAS process.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT				**Actual Useful Life:**	10 Years	
Original date in service:	2014				**Original estimated Actual Useful Life:**	7 Years	

Asset Allocation No.	**OC25-046-021**						
Asset Title:	**Equipment E0070**	**Cost Center:**	Field's Point				
Asset Location:	Field's Point Preliminary Treatment	**Amount:**	$	30,000	**Priority Ranking:**	B	
Need identified:	☑ Asset Management	☐ Inspection			☐ Other		
Asset Description:	Operations plant wide use.						
Budget Account:	16515 Automotive Equipment Replacement						
Type:	REPLACEMENT				**Actual Useful Life:**	9 Years	
Original date in service:	2015				**Original estimated Actual Useful Life:**	5 Years	

Asset Allocation No.	**OC25-046-022**						
Asset Title:	**Influent Cylinders**	**Cost Center:**	Field's Point				
Asset Location:	Ernest St. Pump Station	**Amount:**	$	25,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Raise and lower sluice gate at Ernest St. Pump Station.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT				**Actual Useful Life:**	11 Years	
Original date in service:	2013				**Original estimated Actual Useful Life:**	7 Years	

Asset Allocation No.	**OC25-046-023**						
Asset Title:	**Dewatering Pump**	**Cost Center:**	Field's Point				
Asset Location:	Wet Weather Ernest St. Pump Station	**Amount:**	$	25,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Dewaters tanks at Ernest St. Pump Station.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	11 Years		
Original date in service:	2013			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-046-024**						
Asset Title:	**Sump Pump**	**Cost Center:**	Field's Point				
Asset Location:	Disinfection Building	**Amount:**	$	25,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Prevents flooding in building.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	9 Years		
Original date in service:	2015			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-046-025**						
Asset Title:	**Screw Pump Influent Sluice Gate Actuator**	**Cost Center:**	Field's Point				
Asset Location:	Screw Pump Influent Sluice Gate	**Amount:**	$	20,000	**Priority Ranking:**	A	
Need identified:	☑ Asset Management	☐ Inspection			☐ Other		
Asset Description:	Open and close sluice gate to fill tanks.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	11 Years		
Original date in service:	2013			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-046-026**						
Asset Title:	**Equipment E0025**	**Cost Center:**	Field's Point				
Asset Location:	Field's Point	**Amount:**	$	15,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Repair and install equipment high above floor.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	17 Years		
Original date in service:	2007			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-046-027**						
Asset Title:	**Variable Frequency Drive**	**Cost Center:**	Field's Point				
Asset Location:	Plant Water Building	**Amount:**	$	12,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Ensure plant water reliability.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	10 Years		
Original date in service:	2013			**Original estimated Actual Useful Life:**	7 Years		

Asset Allocation No.	**OC25-047-001**						
Asset Title:	**Exterior Stairs**	**Cost Center:**	Bucklin Point				
Asset Location:	Various BP Facilities	**Amount:**	$	140,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Rehabilitation of various stairs at Bucklin Point WWTF due to deterioration.						
Budget Account:	16615 Building & Other Structures Replacement						
Type:	BETTERMENT			**Actual Useful Life:**	Varies		
Original date in service:	Varies			**Original estimated Actual Useful Life:**	50 Years		

Asset Allocation No.	**OC25-047-002**						
Asset Title:	**Scump Pump 1, Grinder and Mixer**	**Cost Center:**	Bucklin Point				
Asset Location:	Dry Weather Primary Pump Station	**Amount:**	$	90,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Pumps and grinds any large objects at Dry Weather Primary Pump Station.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	11 Years		
Original date in service:	2013			**Original estimated Actual Useful Life:**	7 Years		

Asset Allocation No.	**OC25-047-003**						
Asset Title:	**Return Activated Sludge Pumps 1-4**	**Cost Center:**	Bucklin Point				
Asset Location:	Return Sludge Pump Station 1	**Amount:**	$	70,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Returns activated sludge at return Sludge Pump Station 1.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	16 Years		
Original date in service:	2008			**Original estimated Actual Useful Life:**	7 Years		

Asset Allocation No.	**OC25-047-004**						
Asset Title:	**Return Activated Sludge Pumps 5-7**	**Cost Center:**	Bucklin Point				
Asset Location:	Return Sludge Pump Station 2	**Amount:**	$	70,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Returns activated sludge at Return Sludge Pump Station 2.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	14 Years		
Original date in service:	2010			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-047-005**						
Asset Title:	**Sludge Pump 1 with Grinder**	**Cost Center:**	Bucklin Point				
Asset Location:	Dry Weather Pump Station	**Amount:**	$	70,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Pump sludge and grinds any large objects at Dry Weather Pump Station.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	5 Years		
Original date in service:	2019			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-047-006**						
Asset Title:	**Bar Rack 2**	**Cost Center:**	Bucklin Point				
Asset Location:	Screening and Grit Building - Preliminary	**Amount:**	$	60,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Removes large objects from influent at the preliminary screening and grit building.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	4 Years		
Original date in service:	2020			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-047-007**						
Asset Title:	**Vehicle 330**	**Cost Center:**	Bucklin Point				
Asset Location:	Maintenance Building	**Amount:**	$	55,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Daily field work and inspections.						
Budget Account:	16515 Automotive Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	8 Years		
Original date in service:	2016			**Original estimated Actual Useful Life:**		5 Years	

Asset Allocation No.	**OC25-047-008**						
Asset Title:	**Vehicle 351**	**Cost Center:**	Bucklin Point				
Asset Location:	Maintenance Building	**Amount:**	$	55,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Daily field work and inspections.						
Budget Account:	16515 Automotive Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	10 Years		
Original date in service:	2014			**Original estimated Actual Useful Life:**		5 Years	

Asset Allocation No.	**OC25-047-009**						
Asset Title:	**Booster Pump 2 Methane Gas**	**Cost Center:**	Bucklin Point				
Asset Location:	Digester Control Building	**Amount:**	$	55,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Transfer methane gas to boiler.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	6 Years		
Original date in service:	2018			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-047-010**						
Asset Title:	**Sewage Pump Saylesville Pump Station**	**Cost Center:**	Bucklin Point				
Asset Location:	Saylesville Pump Station	**Amount:**	$	48,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Pumps sewage at Saylesville Pump Station.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	15 Years		
Original date in service:	2008			**Original estimated Actual Useful Life:**		15 Years	

Asset Allocation No.	**OC25-047-011**						
Asset Title:	**Sewage Pump Washington Highway Pump Station**	**Cost Center:**	Bucklin Point				
Asset Location:	Washington Highway Pump Station	**Amount:**	$	48,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Pumps Sewage at Washington Highway Pump Station.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	15 Years		
Original date in service:	2007			**Original estimated Actual Useful Life:**		15 Years	

Asset Allocation No.	**OC25-047-012**						
Asset Title:	**Control Module and Bank Control Boards**	**Cost Center:**	Bucklin Point				
Asset Location:	Dry Weather Effluent Pump Station/UV	**Amount:**	$	45,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Communicates and sends information to the controller to the Dry Weather Effluent Pump Station.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	19 Years		
Original date in service:	2005			**Original estimated Actual Useful Life:**	7 Years		

Asset Allocation No.	**OC25-047-013**						
Asset Title:	**Scum Pump 1**	**Cost Center:**	Bucklin Point				
Asset Location:	Scum Pump Station 1	**Amount:**	$	40,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Moves the scum to the wells to be removed from Scum Pump Station 1.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	11 Years		
Original date in service:	2013			**Original estimated Actual Useful Life:**	7 Years		

Asset Allocation No.	**OC25-047-014**						
Asset Title:	**Scum Pump 2**	**Cost Center:**	Bucklin Point				
Asset Location:	Scum Pump Station 2	**Amount:**	$	40,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Moves the scum to the wells to be removed from Scum Pump Station 2.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	11 Years		
Original date in service:	2013			**Original estimated Actual Useful Life:**	7 Years		

Asset Allocation No.	**OC25-047-015**						
Asset Title:	**Scum Pump 3**	**Cost Center:**	Bucklin Point				
Asset Location:	Scum Well 3 Mixed Liquor Chamber	**Amount:**	$	40,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Moves the scum to the wells to be removed from mixed liquor chamber.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	15 Years		
Original date in service:	2009			**Original estimated Actual Useful Life:**	7 Years		

Asset Allocation No.	**OC25-047-016**						
Asset Title:	**Dewatering Pump**	**Cost Center:**	Bucklin Point				
Asset Location:	Wet Weather Dewatering Pump Station	**Amount:**	$	35,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Separates water from the sludge at Wet Weather Dewatering Pump Station.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	7 Years		
Original date in service:	2017			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-047-017**						
Asset Title:	**Flushing Water Pump 3 with AES Seal**	**Cost Center:**	Bucklin Point				
Asset Location:	Wet Weather Disinfection/Plant Water Buildi	**Amount:**	$	30,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Supplies plant water to Bucklin Point campus.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	16 Years		
Original date in service:	2008			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-047-018**						
Asset Title:	**Uninterruptible Power Supply**	**Cost Center:**	Bucklin Point				
Asset Location:	Screening and Grit Building	**Amount:**	$	30,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Ensures Reliability at Screening and Grit Building.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	10 Years		
Original date in service:	2014			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-047-019**						
Asset Title:	**Control Panels**	**Cost Center:**	Bucklin Point				
Asset Location:	Bisulfite Building	**Amount:**	$	30,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Motor control center at bisulfite building.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	21 Years		
Original date in service:	2003			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-047-020**						
Asset Title:	**Vehicle Lift**	**Cost Center:**	Bucklin Point				
Asset Location:	3 Bay Garage	**Amount:**	$	30,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	To perform service on vehicles.						
Budget Account:	16515 Automotive Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	10 Years		
Original date in service:	2014			**Original estimated Actual Useful Life:**		5 Years	

Asset Allocation No.	**OC25-047-021**						
Asset Title:	**Thickener Waste Pump**	**Cost Center:**	Bucklin Point				
Asset Location:	Gravity Belt Thickener Building	**Amount:**	$	30,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Pumps higher percent of solids and higher viscosity fluids at the gravity belt thickener building.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	15 Years		
Original date in service:	2009			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-047-022**						
Asset Title:	**Hypochlorite Pump**	**Cost Center:**	Bucklin Point				
Asset Location:	Wet Weather Disinfection/Plant Water Building	**Amount:**	$	30,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Supplies Sodium Hypochlorite to effluent at Wet Weather Disinfection/Plant Water Building.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	21 Years		
Original date in service:	2003			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-047-023**						
Asset Title:	**Sewage Pump 3**	**Cost Center:**	Bucklin Point				
Asset Location:	Washington Highway Pump Station	**Amount:**	$	30,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Pumps sewage from Washington Highway Pump Station.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	15 Years		
Original date in service:	2009			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-047-024**				
Asset Title:	**Flow Meter**	**Cost Center:**	Bucklin Point		
Asset Location:	Final Clarifiers 1-6	**Amount:**	$ 26,000	**Priority Ranking:**	B
Need identified:	☐ Asset Management	☑ Inspection		☐ Other	
Asset Description:	Measures Flow at Final Clarifiers 1-6.				
Budget Account:	16525 Building and Plant Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	9 Years	
Original date in service:	2015		**Original estimated Actual Useful Life:**	7 Years	

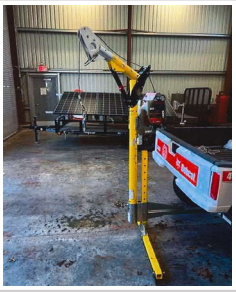
Asset Allocation No.	**OC25-047-025**				
Asset Title:	**Limortorque Actuators and Gearbox**	**Cost Center:**	Bucklin Point		
Asset Location:	Blower Building	**Amount:**	$ 25,000	**Priority Ranking:**	B
Need identified:	☐ Asset Management	☑ Inspection		☐ Other	
Asset Description:	Controls amount of air put into aeration tanks.				
Budget Account:	16525 Building and Plant Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	11 Years	
Original date in service:	2013		**Original estimated Actual Useful Life:**	7 Years	

Asset Allocation No.	**OC25-047-026**				
Asset Title:	**Grit Pump 1**	**Cost Center:**	Bucklin Point		
Asset Location:	Screening and Grit Building	**Amount:**	$ 25,000	**Priority Ranking:**	A
Need identified:	☐ Asset Management	☑ Inspection		☐ Other	
Asset Description:	Removes grit from influent at Screening and Grit Building.				
Budget Account:	16525 Building and Plant Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	9 Years	
Original date in service:	2015		**Original estimated Actual Useful Life:**	7 Years	

Asset Allocation No.	**OC25-047-027**				
Asset Title:	**Actuators**	**Cost Center:**	Bucklin Point		
Asset Location:	Final Clarifiers 1-6	**Amount:**	$ 25,000	**Priority Ranking:**	B
Need identified:	☐ Asset Management	☑ Inspection		☐ Other	
Asset Description:	Open and close valves at Final Clarifiers 1-6.				
Budget Account:	16525 Building and Plant Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	19 Years	
Original date in service:	2005		**Original estimated Actual Useful Life:**	7 Years	

Asset Allocation No.	**OC25-047-028**						
Asset Title:	**Actuators and Sluice Gates**	**Cost Center:**	Bucklin Point				
Asset Location:	Return Sludge Pump Station	**Amount:**	$	25,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Open and close valves at Return Sludge Pump Station.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	24 Years		
Original date in service:	2000			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-047-029**						
Asset Title:	**Confined Space Safety Equipment**	**Cost Center:**	Bucklin Point				
Asset Location:	Bucklin Point Plant Equipment	**Amount:**	$	25,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Safety hoist to enter confined spaces.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	11 Years		
Original date in service:	2013			**Original estimated Actual Useful Life:**		7 Years	



Asset Allocation No.	**OC25-047-030**						
Asset Title:	**Harmonic Filters**	**Cost Center:**	Bucklin Point				
Asset Location:	Blower Building	**Amount:**	$	24,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Prevents unwanted materials from entering the system.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	10 Years		
Original date in service:	2014			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-047-031**						
Asset Title:	**Sump Pumps**	**Cost Center:**	Bucklin Point				
Asset Location:	Screening and Grit Building	**Amount:**	$	15,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Prevents flooding in buildings.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	22 Years		
Original date in service:	2002			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-047-032**						
Asset Title:	**Steel Door**	**Cost Center:**	Bucklin Point				
Asset Location:	Wet Weather Effluent Pump Station	**Amount:**	$	15,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Exterior door to Wet Weather Effluent Pump Station.						
Budget Account:	16615 Building & Other Structures Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	52 Years		
Original date in service:	1972			**Original estimated Actual Useful Life:**		50 Years	

Asset Allocation No.	**OC25-047-033**						
Asset Title:	**Wash Water Booster Pump**	**Cost Center:**	Bucklin Point				
Asset Location:	Digester Control Building	**Amount:**	$	15,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☑ Inspection			☐ Other		
Asset Description:	Cleans gravity thickener belt at Digester Control Building.						
Budget Account:	16525 Building and Plant Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	6 Years		
Original date in service:	2018			**Original estimated Actual Useful Life:**		7 Years	

Asset Allocation No.	**OC25-051-001**						
Asset Title:	**Door Lock Upgrades**	**Cost Center:**	Technical Analysis & Compliance				
Asset Location:	Various FP Facilities	**Amount:**	$	10,000	**Priority Ranking:**	B	
Need identified:	☐ Asset Management	☐ Inspection			☑ Other		
Asset Description:	Deadbolt system upgrades at all NBC buildings on Field's Point campus to create active shooter safe rooms.						
Budget Account:	16610 Building & Other Structures						
Type:	NEW			**Actual Useful Life:**	N/A		
Original date in service:				**Original estimated Actual Useful Life:**		50 Years	

Asset Allocation No.	**OC25-052-001**						
Asset Title:	**Vehicle 339**	**Cost Center:**	Pretreatment				
Asset Location:	Field's Point Pretreatment Plant	**Amount:**	$	45,000	**Priority Ranking:**	A	
Need identified:	☑ Asset Management	☐ Inspection			☐ Other		
Asset Description:	Conduct inspections and investigations.						
Budget Account:	16515 Automotive Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	9 Years		
Original date in service:	2015			**Original estimated Actual Useful Life:**		5 Years	

Asset Allocation No.	**OC25-053-001**						
Asset Title:	**Water Purification System**	**Cost Center:**	Laboratory				
Asset Location:	Water Quality Science Building	**Amount:**	$	250,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☐ Inspection			☑ Other		
Asset Description:	Reagent preparation for all lab tests that require analytical grade purified water.						
Budget Account:	16575 Lab & Sampling Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	6 Years		
Original date in service:	2018			**Original estimated Actual Useful Life:**		5 Years	

Asset Allocation No.	**OC25-053-002**						
Asset Title:	**Auto-Titration System**	**Cost Center:**	Laboratory				
Asset Location:	Water Quality Science Building - Laboratory	**Amount:**	$	100,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☐ Inspection			☑ Other		
Asset Description:	Test for low and high alkalinity in FP/BP plant samples.						
Budget Account:	16575 Lab & Sampling Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	5 Years		
Original date in service:	2019			**Original estimated Actual Useful Life:**		5 Years	


MT-30 pH, AM122, Angled View - Mantech

Asset Allocation No.	**OC25-053-003**						
Asset Title:	**Total Organic Carbon System**	**Cost Center:**	Laboratory				
Asset Location:	Water Quality Science Building	**Amount:**	$	83,000	**Priority Ranking:**	A	
Need identified:	☑ Asset Management	☐ Inspection			☑ Other		
Asset Description:	Test for total organic carbon in FP and BP plants.						
Budget Account:	16575 Lab & Sampling Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	6 Years		
Original date in service:	2018			**Original estimated Actual Useful Life:**		5 Years	

Asset Allocation No.	**OC25-053-004**						
Asset Title:	**Microbiology Microscope System**	**Cost Center:**	Laboratory				
Asset Location:	Water Quality Science Building-Laboratory	**Amount:**	$	64,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☐ Inspection			☑ Other		
Asset Description:	Biological examination of FP/BP plants and plankton samples.						
Budget Account:	16575 Lab & Sampling Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	18 Years		
Original date in service:	2006			**Original estimated Actual Useful Life:**		5 Years	

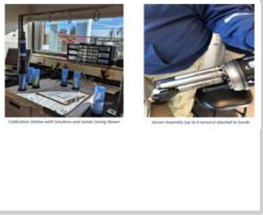
Asset Allocation No.	**OC25-053-005**				
Asset Title:	**LIMS Upgrades**	**Cost Center:**	Laboratory		
Asset Location:	Water Quality Science Building	**Amount:**	$ 50,000	**Priority Ranking:**	B
Need identified:	☐ Asset Management	☐ Inspection		☑ Other	
Asset Description:	New enhancements to the Laboratory Information Management System.				
Budget Account:	16550 Computer Equipment				
Type:	NEW		**Actual Useful Life:**	3 Years	
Original date in service:	N/A		**Original estimated Actual Useful Life:**	N/A	

Asset Allocation No.	**OC25-053-006**				
Asset Title:	**Laboratory Refrigerators**	**Cost Center:**	Laboratory		
Asset Location:	Water Quality Science Building - Laboratory	**Amount:**	$ 40,000	**Priority Ranking:**	A
Need identified:	☐ Asset Management	☐ Inspection		☑ Other	
Asset Description:	Stores permit samples according to regulations.				
Budget Account:	16575 Lab & Sampling Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	7 Years	
Original date in service:	2017		**Original estimated Actual Useful Life:**	5 Years	

Asset Allocation No.	**OC25-055-001**				
Asset Title:	**Vehicle 340**	**Cost Center:**	Environmental Monitoring		
Asset Location:	Field's Point	**Amount:**	$ 50,000	**Priority Ranking:**	A
Need identified:	☑ Asset Management	☐ Inspection		☐ Other	
Asset Description:	Field sample collections.				
Budget Account:	16515 Automotive Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	10 Years	
Original date in service:	2014		**Original estimated Actual Useful Life:**	5 Years	

Asset Allocation No.	**OC25-055-002**				
Asset Title:	**Fixed Site Sonder and Associated Equipment**	**Cost Center:**	Environmental Monitoring		
Asset Location:	Upper Narragansett Bay/Seekonk River	**Amount:**	$ 45,000	**Priority Ranking:**	A
Need identified:	☑ Asset Management	☐ Inspection		☐ Other	
Asset Description:	NBC fixed site and buoy stations in upper bay.				
Budget Account:	16575 Lab & Sampling Equipment Replacement				
Type:	REPLACEMENT		**Actual Useful Life:**	10 Years	
Original date in service:	2014		**Original estimated Actual Useful Life:**	5 Years	

Asset Allocation No.	**OC25-055-003**						
Asset Title:	**Fixed Site Probes, Handheld Meter, & Rental Equipment**	**Cost Center:**	Environmental Monitoring				
Asset Location:	Upper Narragansett Bay/Seekonk River	**Amount:**	$	34,000	**Priority Ranking:**	A	
Need identified:	☑ Asset Management	☐ Inspection		☐ Other			
Asset Description:	Provides river data during nutrients sample collections and used in equipment calibrations.						
Budget Account:	16575 Lab & Sampling Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	5 Years		
Original date in service:	2019			**Original estimated Actual Useful Life:**	5 Years		



Asset Allocation No.	**OC25-055-004**						
Asset Title:	**Nutrient Deionized Water Unit**	**Cost Center:**	Environmental Monitoring				
Asset Location:	Water Quality Science Building/ EM Lab	**Amount:**	$	22,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☐ Inspection		☑ Other			
Asset Description:	Quality assurance/quality control samples, bottle and equipment cleaning/rinsing, and equipment calibration.						
Budget Account:	16575 Lab & Sampling Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	14 Years		
Original date in service:	2010			**Original estimated Actual Useful Life:**	5 Years		

Asset Allocation No.	**OC25-055-005**						
Asset Title:	**Plant Deionized Water Units**	**Cost Center:**	Environmental Monitoring				
Asset Location:	Water Quality Science Building/ EM Lab	**Amount:**	$	22,000	**Priority Ranking:**	A	
Need identified:	☐ Asset Management	☐ Inspection		☑ Other			
Asset Description:	Quality assurance/quality control samples, bottle and equipment cleaning/rinsing, and equipment calibration.						
Budget Account:	16575 Lab & Sampling Equipment Replacement						
Type:	REPLACEMENT			**Actual Useful Life:**	8 Years		
Original date in service:	2016			**Original estimated Actual Useful Life:**	5 Years		

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Capital Improvement Program

The Narragansett Bay Commission's (NBC) Capital Improvement Program (CIP) identifies programmed capital investments necessary to comply with current and future regulatory requirements, take advantage of technological advancements, ensure the integrity of NBC's infrastructure, and achieve operational efficiencies. The projects, schedules and costs that are included in the CIP have been developed through a planning process that involves NBC's engineering and construction staff and incorporates needs identified through NBC's asset management program. These capital improvements include construction of new facilities, rehabilitation, and replacement of existing infrastructure, together with energy efficiency and sustainability projects. The CIP shows programmed expenditures for the current budget year fiscal year (FY) 2025 as well as the following five years (FY 2026-2030).

Bucklin Point Wastewater Treatment Facility

Capital Improvement Program Overview

The CIP identifies a total of 44 projects that are either in progress, to be initiated, or to be completed during FY 2025-2030 at an estimated cost of $559.8 million. Of this total, 61.9% are programmed for the next two fiscal years, and 74.9% are for construction and construction management. See the table below for the FY 2025-2030 CIP costs by category.

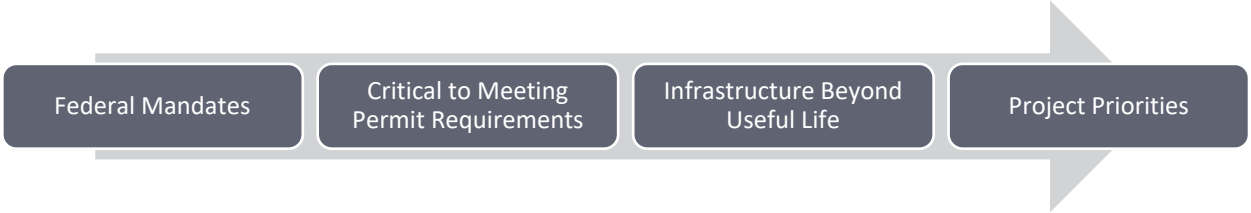
FY 2025-2030 CIP Costs by Category

(In Thousands)

Category	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2025 - 2030
Administrative	$ 5,771	$ 4,486	$ 3,358	$ 1,503	$ 1,275	$ 1,294	$ 17,687
Land	500	2,650	-	-	-	-	3,150
A/E Professional	14,851	12,859	9,439	5,661	2,192	3,426	48,428
Construction	152,753	114,777	71,854	26,245	28,393	25,460	419,482
Contingency	11,540	15,077	14,763	6,794	4,920	2,381	55,474
Other	7,005	4,240	2,552	496	1,117	154	15,564
	$ 192,419	**$ 154,090**	**$ 101,966**	**$ 40,698**	**$ 37,896**	**$ 32,714**	**$ 559,784**

Capital Improvement Program Development

NBC's comprehensive capital improvement planning process takes into consideration the project's relationship to the strategic plan, federal mandates, permit compliance, the replacement of infrastructure that is beyond its useful life, and project readiness in addition to other factors. The CIP drives NBC's long-term financing requirements, and therefore the particulars of each project are an essential component of NBC's financial plan.



NBC's Project Managers begin the annual CIP process with the development of detailed justifications for each capital project including project scope, basis for the cost estimate and key factors impacting costs and schedules. Project Managers also explain modifications from the prior year's CIP and provide the overall project schedule. The CIP Review Committee examines the proposed capital projects including the assignment of priorities and schedules. Projects approved for inclusion in the CIP are subsequently analyzed to assess major program changes, overall capital funding needs, the strength of the project's connection to the objectives in NBC's Strategic Plan, as well as financing and operating cost impacts. The Controller ensures asset criteria are met and approves the capitalization of assets including the determination of an asset's useful life. The CIP calendar is shown below:

Capital Improvement Program Calendar

OCTOBER 2023
- Budget Forms Available

NOVEMBER 2023
- FY 2025-2030 CIP Workbooks with Cash Draws submittal by Project Managers
- Submittal review and identification of CIP operating impacts

DECEMBER 2023
- CIP Review Committee Meeting
- Completion of Project Detail Worksheets
- Completion of CIP Analysis
- Draft CIP Narrative

JANUARY 2024
- Completion of CIP Analysis
- Complete CIP Narrative
- Development of capital budget financing plan
- Finance Committee and Board Review and Approval of CIP on January 16, 2024

Capital Project Budget Administration

Project Identification and Preliminary Funding

The Executive Director is authorized to expend funds on capital projects for preliminary planning, staff time and other services in order to assess project need, scope, and feasibility prior to project review and approval by the Board for inclusion in the CIP and/or as stand-alone projects. Once a capital project is identified, the Project Manager works with Finance to determine the project name and number, establish a preliminary budget, and assign a funding source. The budget must be established in the project module of the Enterprise Resource Planning (ERP) system prior to the expenditure of funds on a capital project.

Capital Project Budgets, Budget Amendments and Funding

New CIP Projects

Once it is determined that a project will move forward, the Project Manager develops costs and schedules for each phase of the project. Project Managers must complete the "Initial Request for Capital Budget" form in the CIP workbook for all new projects. Finance then establishes preliminary capital budgets by "Task" in the ERP, which may or may not be funded depending on project readiness and Board approval. Tasks include labor, architectural/engineering services, contracts, police detail, legal services, land, contingency, etc.

Existing CIP Projects
Project Managers update the capital budgets by task in the CIP workbooks. Subsequent to Board approval of the CIP, Finance updates the capital budgets by task to reflect the updated cash draws.

Board authorization is required to proceed and execute architectural, engineering and design contracts greater than $20,000 and construction contracts. The authorizing resolution typically includes an allowance for ancillary costs and the authority for the Executive Director and Chairman to execute construction/engineering contract change orders/amendments up to 5% of the contract amount. Once the Board authorizes the engagement of an outside vendor, the Project Manager submits a "Request for Capital Budget Change Form" to align the capital budget by task with the contract amount, ancillary costs, and labor. The Project Manager also submits a request for funding authorization. Finance adds the new tasks to the initial capital project budget and assigns funding sources, enabling those costs to be chargeable to those funding sources.

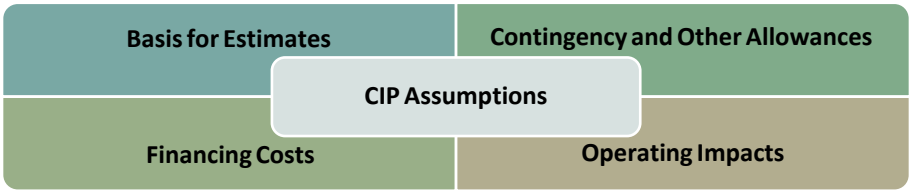
Additional capital budget amendments by task may be authorized during the fiscal year to reflect change orders and Finance may also modify funding sources. Please refer to the Long-Term Financial Plan section of the Budget for information regarding the financing and funding sources of the CIP.

Capital budgets are monitored by project, task, and funding source monthly. Updated draws are requested if variances are significant. NBC also holds monthly capital project meetings to discuss project status.

Capital Improvement Program Assumptions

The costs and schedules included in this year's CIP reflect NBC's best estimates and are based on several assumptions as follows:

- Costs and cash draws are based on planning or design estimates and/or bids once available.
- Preliminary construction project cost estimates include a contingency based upon an engineering assessment of the complexity of the project and industry experience. Project contingencies may be subsequently modified based upon the bids and information obtained during construction. Cost estimates for new design and construction projects include an allowance for NBC staff salary and fringe associated with project management, based on historical experience.
- Financing costs and debt service associated with the CIP are not included in the CIP expenditures or the project cash flows. Financing costs are expensed in the operating budget in the year they are incurred. The debt service payments (principal and interest) are included as an expense in the annual operating budget.
- The CIP does not include the acquisition or replacement of certain assets included in the five-year Operating Capital Program as part of the Capital Budget.
- Impacts of CIP projects on the Operating Budget are estimated based on prior experience and engineering estimates.



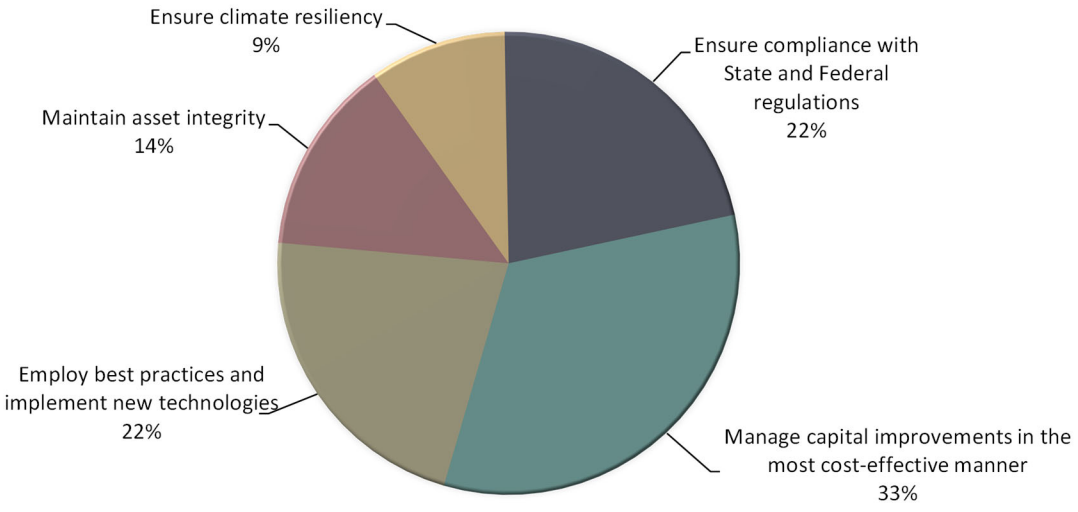
Capital Projects by Strategic Objective

NBC's Strategic Plan ensures NBC's ability to meet water quality objectives set forth by regulatory requirements, through achieving short-term and long-term objectives at a reasonable cost. Due to the magnitude of the CIP and NBC's funding constraints, NBC evaluates proposed capital improvements based on strategic value. As part of the CIP development process, NBC identifies one or more key codes of the Core Business Strategic Plan Goal that a project will address. The highest percentage, or 33%, are aligned with managing the planning, design, and construction of capital improvements in the most cost-effective manner. Approximately 22% of the projects are aligned with ensuring compliance with State and Federal regulations, permits, consent agreements, certifications as well as NBC rules and regulations, guidelines, and reporting requirements. In addition, 22% of the projects in the CIP are aligned with ensuring cost-effective operation and maintenance of NBC wastewater treatment and collection system. The remaining projects are aligned with ensuring continuous operation and the protection of assets through NBC's asset management program at 14%; and ensuring climate resiliency of NBC's existing and future facilities at 9%.

Percentage of CIP Projects Aligned to Strategic Plan Core Business Goal

	Core Business: *Operate, maintain, and protect our collection and treatment systems to ensure that all State and Federal requirements are met or surpassed.*	
Key Code	**Percentage**	**Code Description**
CB1	**22%**	Ensure compliance with State and Federal regulations, permits, consent agreements, certifications, NBC rules and regulations, guidelines and reporting requirements.
CB2	**33%**	Manage the planning, design and construction of capital improvements in the most cost-effective manner to ensure compliance with regulatory requirements.
CB3	**22%**	Ensure the cost-effective operation and maintenance of NBC wastewater treatment and collection system through best practices and the implementation of new technologies.
CB4	**14%**	Maintain NBC's asset management program to ensure continuous operation and the protection of assets.
CB5	**9%**	Ensure climate resiliency of NBC's existing and future facilities.

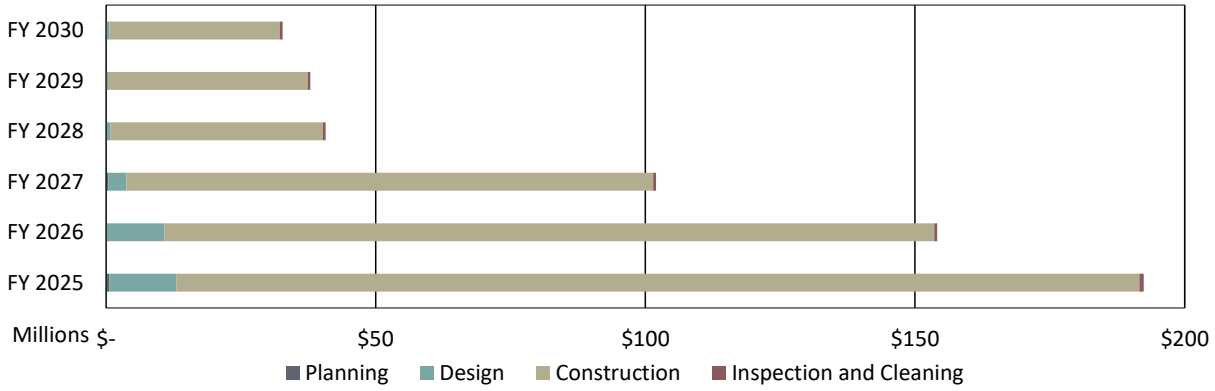
Core Business Goals



Capital Expenditures by Phase

NBC's capital projects are comprised of planning, design, and construction. Planning includes feasibility studies and determination of the technology to be implemented. The design phase includes the development of plans and specifications and the acquisition of land, easements and permits. During the construction phase, facility improvements and infrastructure are constructed. The CIP also includes some programmed capital projects which are not separated into phases, such as the inspection, cleaning, and repair of NBC's interceptors, or other one-time special studies. As is evident in the chart below, the majority, or 94.1% of the programmed expenditures during fiscal years 2025 - 2030 relate to the construction phase at $527.0 million.

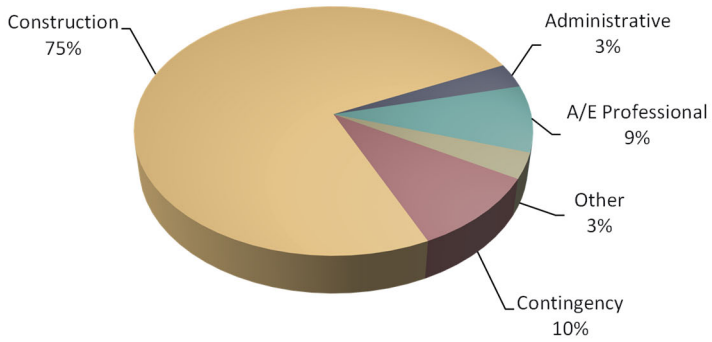
FY 2025-2030 Capital Expenditures by Phase
(In Millions)



Capital Expenditures by Cost Category

Capital expenditures are divided into five cost categories as shown in the graph below. The Administrative cost category includes NBC's project management costs as well as traffic control, legal services, and advertising expense. The Architectural/Engineering (A/E) Professional cost category involves professional planning or design services. The Construction cost category represents contractor and outside construction management costs. The Contingency cost category includes a provision for construction cost increases based upon industry experience related to construction cost factors. As shown in the chart below, Construction costs are approximately 74.9% or $419.5 million of the total costs for FY 2025 - FY 2030. Contingency is 9.9% or $55.5 million and A/E Professional Services is 8.7% of the costs or $48.4 million during this same period. The remaining 6.5% or $33 thousand is for Administrative and Other cost categories which includes NBC labor, advertising, and legal services.

CIP Costs by Cost Category



Capital Expenditures by Functional Area

NBC groups capital projects into eight functional areas according to the scope of the capital project. The functional areas are identified in the following table.

Functional Area	Project Examples
Wastewater Treatment Facilities (WWTF) Improvements	WWTF Improvements, Sludge Digestion Facilities, Long-Range Biosolids Disposal, and Data Communications Upgrades
Bucklin Point Resiliency Improvements	Ultraviolet (UV) Disinfection, WWTF Improvements, and Standby Power
Field's Point Resiliency Improvements	Ernest Street Pumping Station, Maintenance and Storage Buildings, WWTF Improvements, Solar Carport, Septage Receiving Facility Improvements, and Standby Power
Infrastructure Management	Special Studies, Energy Sustainability, Flow Monitoring, RIPDES Compliance Improvements, PFAS, Asset Management Program Support Services, and ERP Replacement
CSO Phase III Facilities	CSO Phase III A, B, C, and D
Sewer System Improvements	Easement Restoration, Sewer System, and Pump Stations
Interceptor Cleaning and Restorations	Remote Television Inspections, Grit/Debris Removal, and Disposal
Interceptor Restoration and Construction	Expansion, Improvements, and Lining of Interceptors, and Manhole Rehabilitation

The following table shows how the CIP costs have shifted by functional area on a year-to-year basis.

Expenditures by Functional Area

(In Thousands)

Functional Area	FY 2024-2029	FY 2025-2030	Change	% Change
CSO Phase III Facilities	$ 474,125	$ 332,513	$ (141,612)	(29.9%)
Field's Point Resiliency Improvements	103,195	106,090	2,895	2.8%
Bucklin Point Resiliency Improvements	35,791	19,740	(16,051)	(44.8%)
Wastewater Treatment Facility Improvements	25,606	58,601	32,996	128.9%
Sewer System Improvements	22,735	21,332	(1,403)	(6.2%)
Interceptor Restoration and Construction	11,961	11,100	(861)	(7.2%)
Infrastructure Management	4,912	7,097	2,185	44.5%
Interceptor Cleaning and Restoration	3,000	3,312	312	10.4%
Total	**$ 681,323**	**$ 559,784**	**$ (121,539)**	**(17.8%)**

On a year-over-year basis, the most significant percentage change from the prior year is a 128.9% increase for the Wastewater Treatment Facility Improvements. The increase in this functional area is a result of several changes from the prior year. The largest increase is a result of the expansion in the scope of the Data Communications Upgrades and WWTF Network Improvements Project (20801) to include the replacement of the programmable logic controller system at Bucklin Point at an estimated cost of $15.5 million. Second is the inclusion of a Phase 2 Regional Study for the Long Range Biosolids Disposal Project (20700) with an estimated cost increase of $7.9 million. Finally, the last two major increases are attributed to adding two new projects, the FPWWTF Wet Weather Clarifier Facility Improvements Project (20900) at $5.4 million and the BPWWTF Service Building Demolition Project (81701) at $3.2 million.

The most significant percentage decrease from last year's CIP is a 44.8% decrease for the Bucklin Point Resiliency Improvements functional area. The decrease in this functional area is attributable to the completion of the BPWWTF Operations and Maintenance Buildings Project (81700).

In terms of dollars, the CSO Phase III A Facilities show the most significant change, a decrease of $141.6 million. This decrease is primarily due to progress made on the construction of the Pawtucket Tunnel and Pump Station Shaft Project (30801) which will be 91% complete in FY 2024.

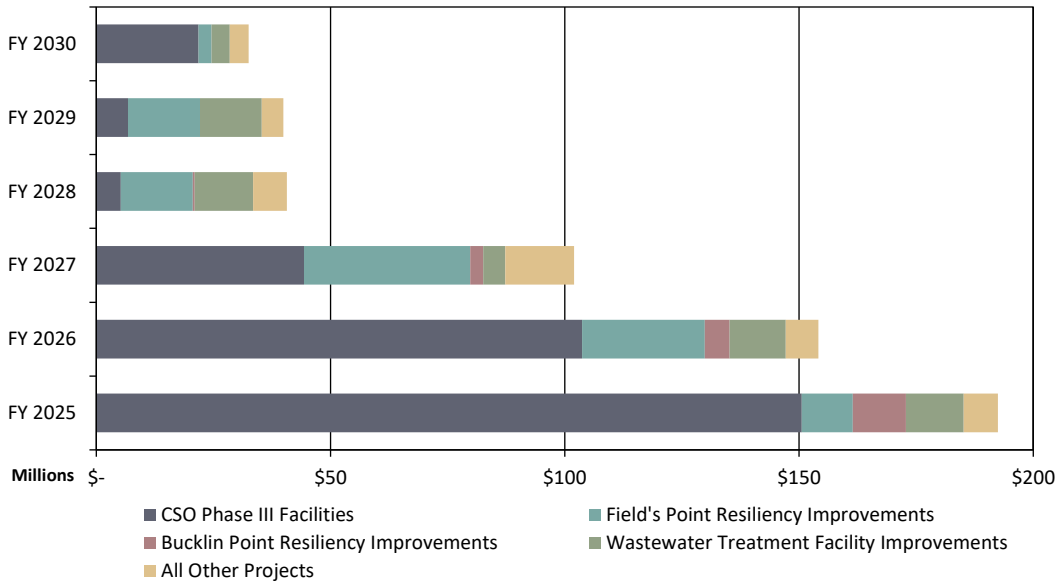
Significant Capital Improvement Projects

The most significant projects in this year's CIP are the CSO Phase III Facilities at $332.5 million or 59.4% of programmed costs for FY 2025 - FY 2030. This is followed by the Field's Point Resiliency Improvements projects at $106.1 million or 19.0%, the Wastewater Treatment Facility Improvements projects at $58.6 million or 10.5%, and the Bucklin Point Resiliency Improvements projects totaling $19.7 million or 3.5%. The following table and graph show the programmed expenditures for the major projects included in FY 2025 - 2030. A discussion of the capital projects is on the following pages.

Largest Capital Projects
(In Thousands)

Project	Estimated Cost FY 2025 - 2030	Percent of Total
CSO Phase III Facilities	$ 332,513	59%
Field's Point Resiliency Improvements	106,090	19%
Wastewater Treatment Facility Improvements	58,601	10%
Bucklin Point Resiliency Improvements	19,740	4%
All Other Projects	42,841	8%
Total	**$ 559,784**	**100%**

FY 2025-2030 Expenditures by Major Project
(In Millions)



Comprehensive Combined Sewer Overflow (CSO) Program

NBC's single largest project in the CIP is the CSO Phase III Facilities at an estimated cost over fiscal years 2025 – 2030 of $332.5 million. NBC is under a Consent Agreement with RIDEM to implement a federally mandated CSO Abatement Program that will address NBC's 65 CSOs in both the Field's Point and Bucklin Point service areas. NBC is in the third and final phase of the program and executed the Consent Agreement with RIDEM on January 11, 2019. The Phase III CSO Program consists of four phases to be completed by FY 2042. The program incorporates Green Stormwater Infrastructure (GSI) facilities to be constructed in each of the four phases to reduce stormwater inflow to the existing CSO system by implementing stormwater infiltration projects, with expenditures of $10.0 million on GSI in each phase.

The current estimate, which includes "other" costs (NBC labor, traffic control, etc.), for the four phases of the CSO Phase III Facilities is $1.4 billion. Project costs for Phase III A and Phase III B projects are based on a combination of bids received and estimates provided by engineering design professionals for contracts that have not gone out to bid.

The costs for Phase III C and Phase III D projects are derived from original estimates received in 2018. The costs for these phases have been escalated to 2023 costs by 18% based on the National Construction Cost Index (CCI). Beyond 2023, these projects are forecasted to increase by 3% annually to account for inflation through midpoint of design and construction.

CSO Phase III A Tunnel Construction

A description of the facilities, estimated cost, start and completion dates for each of the four phases are as follows.

CSO Phase III Program

(In Millions)

Phase	Scope	Amount *	Start	Completion
Phase III A	Design and construction of a 11,600 foot long deep rock tunnel in Pawtucket, a tunnel pump station to convey flow to the Bucklin Point WWTF, drop shafts and consolidation conduits and improvements to the Bucklin Point WWTF. This project includes modifications to regulators and construction of GSI facilities. Design of the Phase III B facilities is also included in the cost of Phase III A.	$881.1	4/1/2013	4/1/2028
Phase III B	Phase III B includes construction of the Upper BVI Gate and Screening Structure, Interceptor Relief, and Consolidation Conduit. These facilities will convey flow to the tunnel to be built in Phase III A. In addition, GSI facilities will be constructed as part of Phase III B. Regulator Modifications and one sewer separation project will be included as part of Phase III B.	$45.5	1/1/2029	6/31/2031
Phase III C	Design and construction of a stub tunnel that will convey flow from CSO OF 220 to the Pawtucket tunnel constructed in Phase III A. GSI facilities will be constructed as part of Phase III C.	$290.4	6/1/2032	12/1/2038
Phase III D	Design and construction of an interceptor to store flow from OF 039 and OF 056 and release flow as capacity allows. GSI facilities will be constructed as part of Phase III D.	$160.7	1/1/2036	12/1/2041
	Total	$ 1,377.7		

* Excludes costs incurred prior to FY 2020

CSO Phase III A Facilities

CSO Phase III A Pawtucket Tunnel and Pump Station Shaft Construction Site

The CSO Phase III A Facilities consist of eleven construction projects in addition to the Design and Construction Program Management Project (30800). The programmed cost for the CSO Phase III A Facilities is $304.4 million during FY 2025 - FY 2030, a decrease of $164.3 million or 35% reduction over last year's CIP. The decrease reflects progress made on the construction of the Pawtucket Tunnel and Pump Station Shaft Project (30801) in FY 2024. In addition, there were three projects completed, the CSO Phase III A Facilities – OF 217 Project (30805), the CSO Phase III A Facilities – Regulator Modifications Project (30807), and the CSO Phase III A - GSI Projects Project (30809). Based on the total current estimated costs, Phase III A will be approximately 65% complete by the end of FY 2024.

The largest project of this phase is the Pawtucket Tunnel and Pump Station Shaft Project (30801) at an estimated cost of $485.7 million. Project 30801 includes construction of a 11,600-foot-deep rock tunnel in Pawtucket along with a tunnel pump station to convey the flow to the Bucklin Point WWTF. Due to the technical complexity of this project, NBC is using a design-build approach. The Pawtucket Tunnel and Pump Station Shaft Project is 91% complete with a completion date of December 2025.

The following table shows the CSO Phase III A projects, their estimated cost, construction start and end dates, as well as the percentage complete.

CSO Phase III A Facilities Costs, Schedule and Percent Complete

(In Millions)

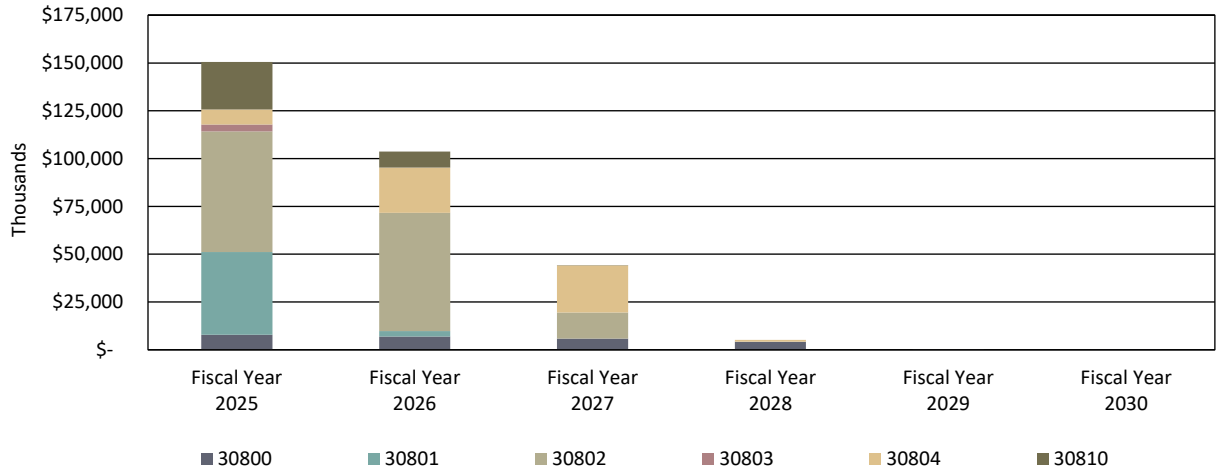
Project Number	Project Name	Estimated Cost *	Construction Start Date	Construction End Date	Percent Complete
30800	CSO Phase III A Facilities - Design and Construction Program Management	$ 91.9	N/A	N/A	
30801	CSO Phase III A Facilities - Pawtucket Tunnel and Pump Station Shaft	485.7	Dec-20	Dec-25	91%
30802	CSO Phase III A Facilities - Tunnel Pump Station Fit-out	149.4	Feb-24	Jul-27	7%
30803	CSO Phase III A Facilities - OF 205	7.7	Mar-23	Dec-25	52%
30804	CSO Phase III A Facilities - OF 210, 213, 214	57.4	Jan-24	Apr-28	1%
30805	CSO Phase III A Facilities - OF 217	13.1	Dec-21	Oct-23	100%
30807	CSO Phase III A Facilities - Regulator Modifications	5.7	Apr-21	Aug-23	100%
30808	CSO Phase III A Facilities - GSI Demonstration	1.8	Sep-19	Feb-21	100%
30809	CSO Phase III A Facilities - GSI Projects	9.2	Nov-19	Apr-23	100%
30810	CSO Phase III A Facilities - BPWWTF Clarifiers and Flow Splitters	57.9	Jul-22	Oct-26	42%
30811	CSO Phase III A Facilities - High Street Demo	0.2	Nov-18	Dec-19	100%
30813	CSO Phase III A Facilities - Site Demolition	1.1	May-20	Nov-20	100%
Total		**$ 881.1**			

*Excludes costs incurred prior to FY 2020

The following graph shows the CSO Phase III A Facilities will be substantially complete in FY 2028, with cost projected to be $150.6 million in FY 2025. Costs are expected to decrease to $103.7 million in FY 2026. The estimated costs continue to decrease to $44.3 million in FY 2027, $5.2 million in FY 2028, $367 thousand in FY 2029, and $127 thousand in FY 2030.

CSO Phase III A Facilities Estimated Cost by Fiscal Year

(In Thousands)



CSO Phase III B Facilities

This year's CIP includes programmed construction costs of the CSO Phase III B Facilities Project (30830), estimated to start in January 2029. Design of the CSO Phase III B Facilities will be completed as part of the CSO Phase III A design. CSO Phase III B includes construction of a gate and screening structure, interceptor relief, and consolidation conduit. These structures are designed to convey flow to the tunnel built in Phase III A. The total project construction cost estimate is $45.5 million, with $28.1 million programmed in FY 2025-2030 window.

CSO Phase III B Facilities Costs, Schedule and Percent Complete

(In Thousands)

Project Number	Major Project	FY 2025 - 2030 CIP	Estimated Cost	Percent Complete	Construction Start	Construction End
30830	CSO Phase III B Facilities	$ 28,118	$ 45,505	0%	Jan-29	Jun-31
Total		**$ 28,118**	**$ 45,505**			

Field's Point Resiliency Improvements (FP Resiliency Improvements)

NBC identified seven projects shown in the following table that address resiliency concerns. The estimated costs for these projects over the FY 2025-2030 window are $106.1 million.

Field's Point Resiliency Improvements (In Thousands)				
Project Number	Major Project	FY 2025 - 2030 CIP	Total Estimated Cost	Percent Complete
20300	FPWWTF Improvements	$ 32,093	$ 35,904	11%
20500	FPWWTF Maintenance and Storage Buildings	27,179	29,323	7%
20400	FPWWTF Ernest Street Pump Station Improvements	26,286	30,395	14%
40101	FPWWTF Electrical Improvements	11,200	11,200	0%
71000	Lincoln Septage Receiving Station Replacement	8,055	8,903	10%
20600	NBC Solar Carport	1,277	1,308	2%
20800	Cybersecurity Improvements	-	1,575	100%
	Total	**$ 106,090**	**$ 118,608**	

FPWWTF Improvements Project (20300) at an estimated cost of $32.1 million focuses on several improvements and upgrades to the Field's Point WWTF. The most significant items are the disinfection system, a new transformer, replacement of the water automatic strainer system, plant water pumping system modifications, the odor control unit at the Gravity Thickener Building, and construction of three new Variable Frequency Drive units (VFDs) for the return activated sludge pumps.

FPWWTF Maintenance and Storage Buildings Project (20500), at an estimated cost of $27.2 million, replaces the maintenance building, the Interceptor Maintenance (IM) storage building and related support facilities at the Field's Point campus to support NBC's long-range planning goals to address resiliency and aging infrastructure concerns. .

FPWWTF Ernest Street Pump Station Improvements Project (20400), at an estimated cost of $26.3 million, includes improvements to NBC's largest pump station located adjacent to Field's Point. Improvements include replacement of large diameter valves, gates, actuators, flow meters, pumps, VFDs, instrumentation and control units, influent screening, motor control centers, motor protectors, electrical power systems and a new standby power generator. In addition, the project includes modifications to the building's roofing system, air handling units and other infrastructure.

FPWWTF Ernest Street Pump Station

At an estimated cost of $11.2 million, the FPWWTF Electrical Improvements Project (40101) involves the evaluation and installation of standby power capabilities for critical facilities at the FPWWTF to maintain uninterrupted operation of treatment processes.

Lincoln Septage Receiving Station

To replace NBC's 30-year-old septage receiving station that is beyond its useful life, the Lincoln Septage Receiving Station Replacement Project (71000), estimated to cost $8.1 million, will include design and construction of a new station that will operate automatically and provide preliminary treatment and testing of septage prior to discharge into the collection system. The new facility will contain an Odor Control System to mitigate and manage fugitive emissions and odors.

Also included as part of FP Resiliency Improvements is the Cybersecurity Improvements Project (20800) at a total cost of $1.6 million includes improvements in key areas of the IT infrastructure to mitigate cybersecurity risks and ensure NBC's ability to continuously operate and maintain its facilities. This project was completed in fiscal year 2024.

The NBC Solar Carport Project (20600), estimated to cost $1.3 million, is for the construction of a solar carport on the Field's Point campus. This project is eligible for $206 thousand in grant funding through the Rhode Island Renewable Energy Fund (REF) Commercial-Scale Program.

Wastewater Treatment Facility (WWTF) Improvements

This year's CIP includes $58.6 million for projects related to NBC's Wastewater Treatment Facilities. In particular, the Long-Range Biosolids Disposal Project (20700) at an estimated cost of $19.1 million involves the evaluation, planning and development of a long-term biosolids management solution for biosolids in anticipation of the expiration of NBC's current contract in FY 2026.

Field's Point Wet Weather Clarifiers

Data Communications Upgrades and WWTF Network Improvements Project (20801) at a cost of $18.7 million involves the implementation of innovative, open architecture-type Ethernet based hybrid data control system upgrades to keep the existing systems viable for many years.

BPWWTF Sludge Digestion Facility Improvements Project (81800) at a cost of $9.4 million involves upgrades to the sludge digester complex including improvements to the primary and secondary digesters, piping systems, valves, equipment, and related infrastructure that are required to address operational needs.

Office and Building Improvements Project (91000), at an estimated cost of $2.2 million, includes office renovations and reconfigurations to accommodate organizational changes and enhance productivity. This project also includes various HVAC control systems upgrades, the replacement of two roof-top air conditioning units, and replacement of the roof at the Field's Point Primary Sludge Pumping Station.

The following table shows the WWTF functional area projects and estimated costs for FY 2025-2030.

WWTF Improvements
(In Thousands)

Project Number	Major Project	FY 2025 - 2030 CIP	Total Estimated Cost	Percent Complete
20700	Long-Range Biosolids Disposal	$ 19,099	$ 19,732	3%
20801	Data Communications Upgrades and WWTF Network Improvements	18,682	18,912	1%
81800	BPWWTF Sludge Digestion Facility Improvements	9,383	14,188	34%
20900	FPWWTF Wet Weather Clarifier Facility Improvements	5,430	5,453	0%
81701	BPWWTF Service Building Demolition	3,216	3,244	1%
91000	Office and Building Improvements	2,225	3,046	27%
24000	NBC Facility Electrical Improvements	568	598	5%
	Total	**$ 58,601**	**$ 65,172**	

Two new projects were added this year. The FPWWTF Wet Weather Clarifier Facility Improvements Project (20900) at a cost of $5.4 million consists of the evaluation, design and construction of upgrades to the aging Field's Point WWTF's Wet Weather Clarifier Complex. The BPWWTF Service Building Demolition Project (81701) at $3.2 million consists of the demolition of the old service building along with the relocation of select utilities.

Sewer System Improvements

Included in the Sewer System functional area are projects related to the collection system. The CIP includes five projects at an estimated cost of $21.3 million between FY 2025 and FY 2030.

Reservoir Avenue Pump Station

The Omega Pump Station Improvements Project (70900) at $8.9 million and the Reservoir Avenue Pump Station Improvements Project (72000) at $8.5 million are similar in scope. Both involve the replacement of equipment at the end of its useful life, implementation of new screening and grit technology, and improvements to the motor control center to enhance reliability. The NBC System-wide Regulator Modifications Project (30610), at a cost of $1.8 million is to address hydraulic capacity limitations in NBC's collection system and eliminate surcharges. The CIP continues to support NBC's Easement Management program with the NBC Interceptor Easements Restoration Project (30500) at a cost of $1.6 million. Design work is estimated to start in FY 2030 for the Interceptor Maintenance Building Project (12400) if NBC is required by legislation to assume ownership of lateral sewers currently owned by local communities within its district.

Sewer System Improvements are shown in the following table.

Sewer System Improvements
(In Thousands)

Project Number	Major Project	FY 2025 - 2030 CIP	Total Estimated Cost	Percent Complete
70900	Omega Pump Station Improvements	$ 8,946	$ 8,966	3%
72000	Reservoir Avenue Pump Station Improvements	8,506	8,738	3%
30610	NBC System-wide Regulator Modifications	1,811	2,564	29%
30500	NBC Interceptor Easements Restoration, Various Locations	1,578	1,578	0%
12400	Interceptor Maintenance Building	492	18,039	0%
	Total	**$ 21,332**	**$ 39,886**	

Bucklin Point Resiliency Improvements (BP Resiliency Improvements)

BP Resiliency Improvements was identified as part of NBC's resiliency planning process and consists of three separate projects. Of the three projects, the BPWWTF Operations and Maintenance Buildings Project (81700) is substantially complete and removed from this years' CIP. The following table shows the BP Resiliency Improvements estimated costs by project. The estimated costs for these projects over the FY 2025 – 2030 window are $19.7 million.

Bucklin Point Resiliency Improvements
(In Thousands)

Project Number	Major Project	FY 2025 - 2030 CIP	Total Estimated Cost	Percent Complete
81000	BPWWTF UV Disinfection Improvements	$ 14,236	$ 25,695	45%
81600	BPWWTF Improvements	5,504	11,585	52%
81700	BPWWTF Operations and Maintenance Buildings	-	36,252	100%
	Total	**$ 19,740**	**$ 73,531**	

The BPWWTF Ultraviolet (UV) Disinfection Improvements Project (81000) includes the construction of a new UV disinfection building and replacement of the UV disinfection equipment with more energy efficient technology. The BPWWTF Improvements Project (81600) involves the installation of a redundant power system, as well as the repair or replacement of boilers, hydronic piping systems, isolation gates, and improvements to primary clarifiers.

Infrastructure Management

The Infrastructure Management functional area includes several smaller studies and projects. The largest of which is the NBC System-wide Inflow Reduction Project (40200) at an estimated cost of $1.7 million. This project involves the development and implementation of an inflow reduction program to remove stormwater from sanitary sewers in NBC's service area. The RIPDES Flow Monitoring System Implementation Project (40550), at a projected cost of $1.3 million, involves the replacement of existing flow monitoring equipment located throughout NBC's collection system in order to accurately measure flows and monitor flow conditions in accordance with NBC's RIPDES permit. The NBC System-wide Facilities Planning Project (30700), at $1.1 million, involves the evaluation of system capacity and infiltration/inflow into NBC's interceptors.

Infrastructure Management
(In Thousands)

Project Number	Major Project	FY 2025 - 2030 CIP	Total Estimated Cost	Percent Complete
40200	NBC System-wide Inflow Reduction	$ 1,690	$ 1,690	0%
40550	RIPDES Flow Monitoring System Implementation	1,313	1,860	29%
30700	NBC System-wide Facilities Planning	1,119	1,119	0%
40700	Enterprise Resource Planning (ERP) System Replacement	908	908	0%
1140600	RIPDES Compliance Improvements - PFAS	735	1,651	55%
40300	Municipal Lateral Sewer Acquisition Impact	645	645	0%
40600	Asset Management Program Support Services	570	625	9%
1140900	Water Quality Model Validation and Enhancement	118	163	28%
	Total	**$ 7,097**	**$ 8,661**	

Two new projects included in this functional area are the Enterprise Resource Planning (ERP) System Replacement Project (40700) which will assess the current ERP along with other systems and find a suitable replacement/upgrade at a cost of $909 thousand, and the Asset Management Program Support Services Project (40600) which includes planning and design services for the further development, expansion, and support of NBC's Asset Management Program at a cost of $570 thousand. The RIPDES Compliance Improvements - PFAS Project (1140600) includes wastewater treatment and collection system analysis that may be required to comply with new permit limits and mandates such as the evaluation and study of Pre- and Polyfluoroalkyl Substances (PFAS). The Municipal Lateral Sewer Acquisition Impact Project (40300) involves evaluating the impact of NBC assuming ownership of lateral sewers that are currently owned by the municipalities in NBC's service area and would be required if legislation were passed in the future. The total cost for the Infrastructre Management projects is $7.1 million.

Interceptor Cleaning, Restoration and Construction

The CIP includes several collection system infrastructure projects which total $14.4 million. The largest project in this functional area is the Woonasquatucket CSO OF 046 Improvements Project (30315) at an estimated cost of $3.9 million. This project is for construction of facilities that may be required to eliminate surcharging from the Woonasquatucket CSO Interceptor during extreme wet weather events.

The CIP also includes annual programmed allocations of $1.5 million for the Interceptor Restoration and Construction Project (30400C) and $500 thousand for the Interceptor Inspection and Cleaning Project (30400M) in years that do not have specific projects identified to accommodate new needs that may be identified as part of asset management and inspection. The allowances programmed in the CIP for Project 30400C and Project 30400M amount to $6.3 million.

Interceptor Cleaning, Restoration and Construction (In Thousands)				
Project Number	Major Project	FY 2025 - 2030 CIP	Total Estimated Cost	Percent Complete
30315	Woonasquatucket CSO OF 046 Improvements	$ 3,874	$ 3,981	3%
30400C	Interceptor Restoration and Construction	3,787	5,287	0%
30421	Louisquisset Pike Interceptor Improvements	2,868	6,261	0%
30400M	Interceptor Inspection and Cleaning Projects	2,500	3,000	0%
30482M	Interceptor Inspection and Cleaning	618	618	0%
30468	Improvements to Interceptors FY 2022	571	2,003	71%
30481M	Completion of Baseline Siphon Inspections and Cleanings	194	587	67%
	Total	**$ 14,412**	**$ 21,736**	

Completed and New Capital Projects

Completed Projects

NBC considers a project complete when the project has been deemed substantially complete and has only retainage and/or "punch list" items remaining. In FY 2024, NBC completed five capital projects at a cost of $65.8 million as shown in the following table.

Completed Projects (In Thousands)		
Project Number	Project Name	Total Cost
81700	BPWWTF Operations and Maintenance Buildings	$ 36,251
30805	CSO Phase III A Facilities - OF 217	13,086
30809	CSO Phase III A Facilities - GSI Projects	9,188
30807	CSO Phase III A Facilities - Regulator Modifications	5,749
20800	Cybersecurity Improvements	1,574
	Total	**$ 65,848**

The largest project completed last year was the BPWWTF Operations and Maintenance Buildings Project (81700). This project involved the design and construction of a new Operations Building and a Maintenance/Storage Building at the Bucklin Point campus. The Operations Building contains additional office space, training and locker rooms, and the supervisory control and data acquisition system. The Maintenance/Storage Building(s) support the maintenance services necessary to ensure the reliable operation and performance of critical infrastructure systems and addressed various storage needs at the BPWWTF.

Three of the completed projects were part of the CSO Phase III A Facilities program. Project CSO Phase III A – OF 217 Project (30805) included the construction of a consolidation conduit to direct flow to the tunnel via Drop Shaft 213 from CSO outfalls 217. Project CSO Phase III A – GSI Projects (30809) involved the construction of green stormwater infrastructure (GSI) in the City of Central Falls. Project CSO Phase III A - Regulator Modifications Project (30807) included modifications at regulators for CSOs 203, 204, 207, 208, 209, 212, 215, and 216.

Also completed in FY 2024 was the Cybersecurity Improvements Project (20800) which included the purchase and implementation of cybersecurity improvements in key areas of the Information Technology (IT) infrastructure to mitigate cybersecurity risks.

New Projects

This year's CIP includes five new capital projects totaling $10.9 million. The new projects and their estimated costs are summarized in the following table. Please refer to the discussion of the capital projects by functional area of this document for information regarding the need for these projects along with their descriptions.

New Projects
(In Thousands)

Project Number	Project Name	Total Estimated Cost
20900	FPWWTF Wet Weather Clarifier Facility Improvements	$ 5,453
81701	BPWWTF Service Building Demolition	3,244
40700	Enterprise Resource Planning (ERP) System Replacement	908
40600	Asset Management Program Support Services	625
30482M	Interceptor Inspection and Cleaning	618
	Estimated Total	**$ 10,848**

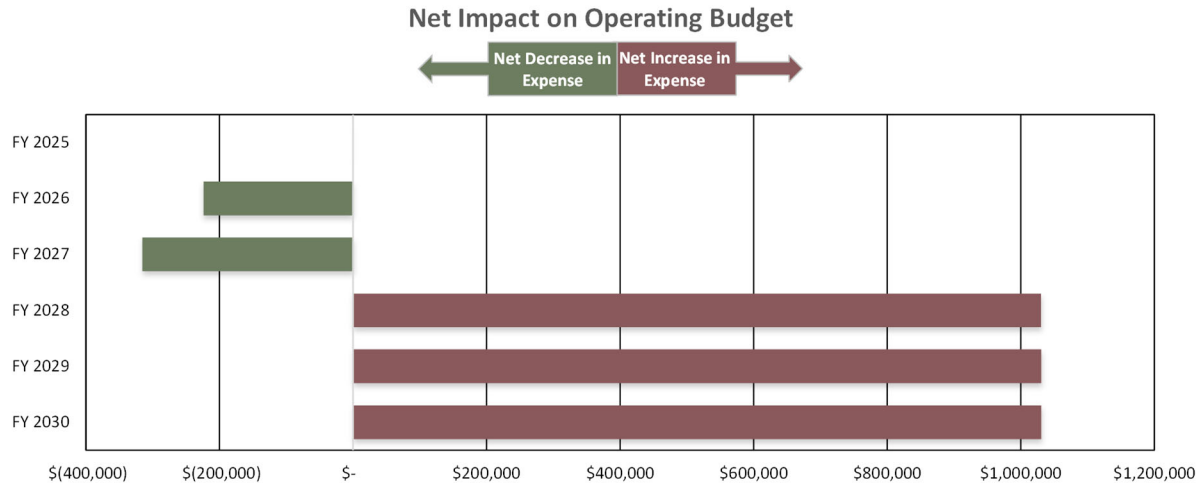
Impact of Capital Investments on Operating Budget

NBC recognizes the importance of planning for capital expenditures and is committed to minimizing ratepayer impact through an assessment of both operating costs and financing impacts. Debt service and rate impacts associated with financing the CIP are discussed in the Long-Term Debt and Long-Term Financial Plan sections of the budget. The following pages include an expanded analysis and presentation of other operating impacts in the CIP. The projects specific information is included in the following discussion and summarized on the individual project sheets. Certain capital improvements will directly impact the operating budget either through increased revenue, increased expense, or reduced expense. NBC has identified these impacts on a project-by-project basis. The following table describes the impact categories and should be used to interpret the figures in the detailed operating impact tables in this section of the CIP.

Impact	Description	Reflection in Tables
Reduced Expense	A reduction in operating expense resulting from no longer operating facilities, reduce energy consumption, and/or the purchase of electricity	Shown as a reduction in Operating Expense
Increase Expense	An increase in operating expense resulting from new facilities becoming operational	Shown as an increase in Operating Expense
Increased Revenue	An increase in revenue through new user charges, incentives, and/or sale of Renewable Energy Credits	Shown as an increase in Operating Revenue or Non-Operating Revenue

FY 2025-2030 Revenue and Expense Impacts

In FY 2030, the estimated impact as a result of these projects is increased annual revenue of $6,570, expense reduction of $709,084 and an increase in expense of $1,746,323. The overall operating budget impact in FY 2030 results in an increased funding requirement of $1,030,669. The following chart shows the projected impact of completed CIP projects on the annual operating budget. Projected increased revenue and reduced expense exceed increased expenses in FY 2026 and FY 2027. The impact to the operating budget becomes increasingly significant beginning in FY 2028 as a result of the CSO Phase III A Facilities projects being complete. Projects with revenue, savings, or expense impacts are discussed in the following section.



The following table summarizes the projected impact of new capital projects scheduled to become operational in FY 2025-2030. Projects that involve inspection, studies, cleaning, and rehabilitation do not have operating cost impacts and are excluded from this list.

Projected Annual Operating Budget Impacts

	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Projected Annual Operating Revenue Impact						
Increased Revenue						
20600 NBC Solar Carport	$ -	$ 3,833	$ 6,570	$ 6,570	$ 6,570	$ 6,570
Net Increase (Decrease) in Revenue	**$ -**	**$ 3,833**	**$ 6,570**	**$ 6,570**	**$ 6,570**	**$ 6,570**
Projected Annual Operating Expense Impact						
Reduced Expense						
20300 FPWWTF Improvements	$ -	$ -	$ -	$ (75,000)	$ (75,000)	$ (75,000)
20600 NBC Solar Carport	-	(24,588)	(42,150)	(42,150)	(42,150)	(42,150)
71000 Lincoln Septage Receiving Station Replacement	-	(3,467)	(20,800)	(20,800)	(20,800)	(20,800)
81000 BPWWTF UV Disinfection Improvements	-	(228,982)	(343,473)	(343,473)	(343,473)	(343,473)
81800 BPWWTF Sludge Digestion Facility Improvements	-	-	(189,718)	(227,661)	(227,661)	(227,661)
Reduced Expense	**$ -**	**$ (257,036)**	**$ (596,141)**	**$ (709,084)**	**$ (709,084)**	**$ (709,084)**
Increased Expense						
20500 FPWWTF Maintenance and Storage Buildings	$ -	$ 16,166	$ 64,665	$ 64,665	$ 64,665	$ 64,665
20600 NBC Solar Carport	-	1,744	2,990	2,990	2,990	2,990
30802 CSO Phase IIIA Facilities - Tunnel Pump Station Fit-Out	-	-	190,034	1,642,944	1,642,944	1,642,944
40101 FPWWTF Electrical Improvements	-	-	-	3,150	3,437	3,437
81000 BPWWTF UV Disinfection Improvements	-	19,234	28,851	28,851	28,851	28,851
81600 BPWWTF Improvements	-	-	859	3,437	3,437	3,437
Increased Expense	**$ -**	**$ 37,144**	**$ 287,399**	**$ 1,746,037**	**$ 1,746,323**	**$ 1,746,323**
Net (Decrease) Increase in Expense	**$ -**	**$ (219,892)**	**$ (308,742)**	**$ 1,036,952**	**$ 1,037,239**	**$ 1,037,239**
Net Impact on Operating Budget	**$ -**	**$ (223,725)**	**$ (315,312)**	**$ 1,030,382**	**$ 1,030,669**	**$ 1,030,669**

NBC Solar Carport

The NBC Solar Carport Project (20600) involves the construction of a solar carport on the Field's Point campus. It is estimated the solar carport will produce approximately 218,282 kWh of electricity annually resulting in approximately $42 thousand in electricity savings and revenue of $7 thousand from the sale of Renewable Energy Credits. Annual maintenance costs are estimated to be $3 thousand. Completion of this project is scheduled for FY 2025.

NBC Solar Carport					
	Reduced Expense		Increased Expense		Increased Revenue
RECs Solar	$	-	$	-	$ 6,570
Electricity		42,150		-	-
Maintenance		-		2,990	-
Total	**$**	**42,150**	**$**	**2,990**	**$ 6,570**

BPWWTF UV Disinfection Improvements

The BPWWTF UV Disinfection Improvements Project (81000) involves replacement of the UV disinfection system with more efficient technology and the construction of a new building to contain the system. The innovative technology is estimated to use 1.7 million kWh less per year and require less maintenance, resulting in combined savings of $343 thousand annually. The increased expense associated with the new building is $29 thousand annually for utilities and maintenance costs. Completion of this project is scheduled for FY 2027.

BPWWTF UV Disinfection Improvements					
	Reduced Expense		Increased Expense		Increased Revenue
Electricity	$	328,473	$	6,565	$ -
Natural Gas		-		12,685	-
Maintenance		15,000		9,600	-
Total	**$**	**343,473**	**$**	**28,851**	**$ -**

FPWWTF Maintenance and Storage Buildings

The FPWWTF Maintenance and Storage Buildings Project (20500) involves the construction of both a new maintenance building and storage building at Field's Point. The maintenance building will enhance preventive and reactive maintenance capabilities, replacing the current structure built in 1900. The new storage building is needed primarily to replace the IM storage facility that is beyond its useful life. The new facilities are scheduled for completion in FY 2026 and are estimated to result in an increased expense of $65 thousand for utilities.

FPWWTF Maintenance and Storage Buildings					
	Reduced Expense		Increased Expense		Increased Revenue
Electricity	$	-	$	23,783	$ -
Natural Gas		-		36,812	-
Water		-		4,070	-
Total	**$**	**-**	**$**	**64,665**	**$ -**

BPWWTF Improvements

The BPWWTF Improvements Project (81600) involves miscellaneous improvements and upgrades to the Bucklin Point WWTF and will include the installation of a new redundant standby power generator. The increased expense is approximately $3 thousand annually for maintenance of the new generator.

81600 BPWWTF Improvements			
	Reduced Expense	Increased Expense	Increased Revenue
Maintenance	$ -	$ 3,437	$ -
Total	**$ -**	**$ 3,437**	**$ -**

FPWWTF Electrical Improvements

The FPWWTF Electrical Improvements Project (40101) involves the evaluation and installation of redundant standby power capabilities at the FPWWTF to maintain uninterrupted operation of the treatment process. The increased expense is approximately $3 thousand annually for maintenance of the new generator.

FPWWTF Facility Electrical Improvements			
	Reduced Expense	Increased Expense	Increased Revenue
Maintenance	$ -	$ 3,437	$ -
Total	**$ -**	**$ 3,437**	**$ -**

BPWWTF Sludge Digestion Facility Improvements

The BPWWTF Sludge Digestion Facility Improvements Project (81800) addresses operational needs at the Bucklin Point sludge digestion facilities. Improvements include the design and implementation of concrete and piping system repairs required to address methane gas leakage concerns. This project is projected to reduce the amount of natural gas required to heat the digesters and run the cogeneration facilities, resulting in reduced expenses of $228 thousand per year.

BPWWTF Sludget Digestion Facilitiy Improvements			
	Reduced Expense	Increased Expense	Increased Revenue
Natural Gas	$ 227,661	$ -	$ -
Total	**$ 227,661**	**$ -**	**$ -**

CSO Phase III A Facilities

CSO Phase III A operating impacts are estimated to commence in FY 2027. An increased expense of $1.6 million includes electricity to pump flow and provide dehumidification in the tunnel pump station, natural gas for heating, screening, grit disposal, biosolids disposal, water, treatment chemicals, maintenance, and labor costs. The start-up costs are included in this project phase.

CSO Phase IIIA Facilities			
	Reduced Expense	Increased Expense	Increased Revenue
Electricity	$ -	$ 1,100,670	$ -
Natural Gas	-	64,845	-
Screening and Grit	-	152,800	-
Biosolids	-	248,202	-
Water	-	1,405	-
Chemicals	-	35,590	-
Maintenance	-	29,033	-
Personnel	-	10,400	-
Total	**$ -**	**$ 1,642,944**	**$ -**

FPWWTF Improvements

The FPWWTF Improvements Project (20300) involves miscellaneous improvements associated with aging infrastructure and equipment at the Field's Point facility. This project will include upgrades to equipment, with a focus on fixing leaks related to the sodium hypochlorite disinfection system. This project is projected to reduce the amount of chemicals required, resulting in reduced operating expense of $75 thousand per year.

FPWWTF Improvements					
	Reduced Expense		Increased Expense	Increased Revenue	
Chemicals	$	75,000	$ -	$	-
Total	**$**	**75,000**	**$ -**	**$**	**-**

Lincoln Septage Receiving Station Replacement

The Lincoln Septage Receiving Station Replacement Project (71000) includes design and construction of a new septage receiving station equipped with a screening mechanism and sample collection capabilities in accordance with NBC's Standard Operating Procedures for monitoring septage. The new facilities will be fully automated resulting in reduced personnel expense of $21 thousand per year.

Lincoln Septage Receiving Station Replacement					
	Reduced Expense		Increased Expense	Increased Revenue	
Personnel	$	20,800	$ -	$	-
Total	**$**	**20,800**	**$ -**	**$**	**-**

Incentives and Reimbursements

It is anticipated that NBC will receive approximately $3.5 million in energy efficiency incentives. For completion of the BPWWTF Sludge Digestion Facility Improvements, the Department of Energy will award a $2.9 million grant. The BPWWTF UV Disinfection Improvements Project is expected to be eligible for a rebate from Rhode Island Energy for $389 thousand. A $207 thousand grant will be received from the Rhode Island Renewable Energy Fund for the Solar Carport Project. Incentive and reimbursement funds will be deposited into the Grants and Projects Reimbursement Account in the Project Fund to be used for capital improvements. The potential incentives and reimbursements are outlined in the following table.

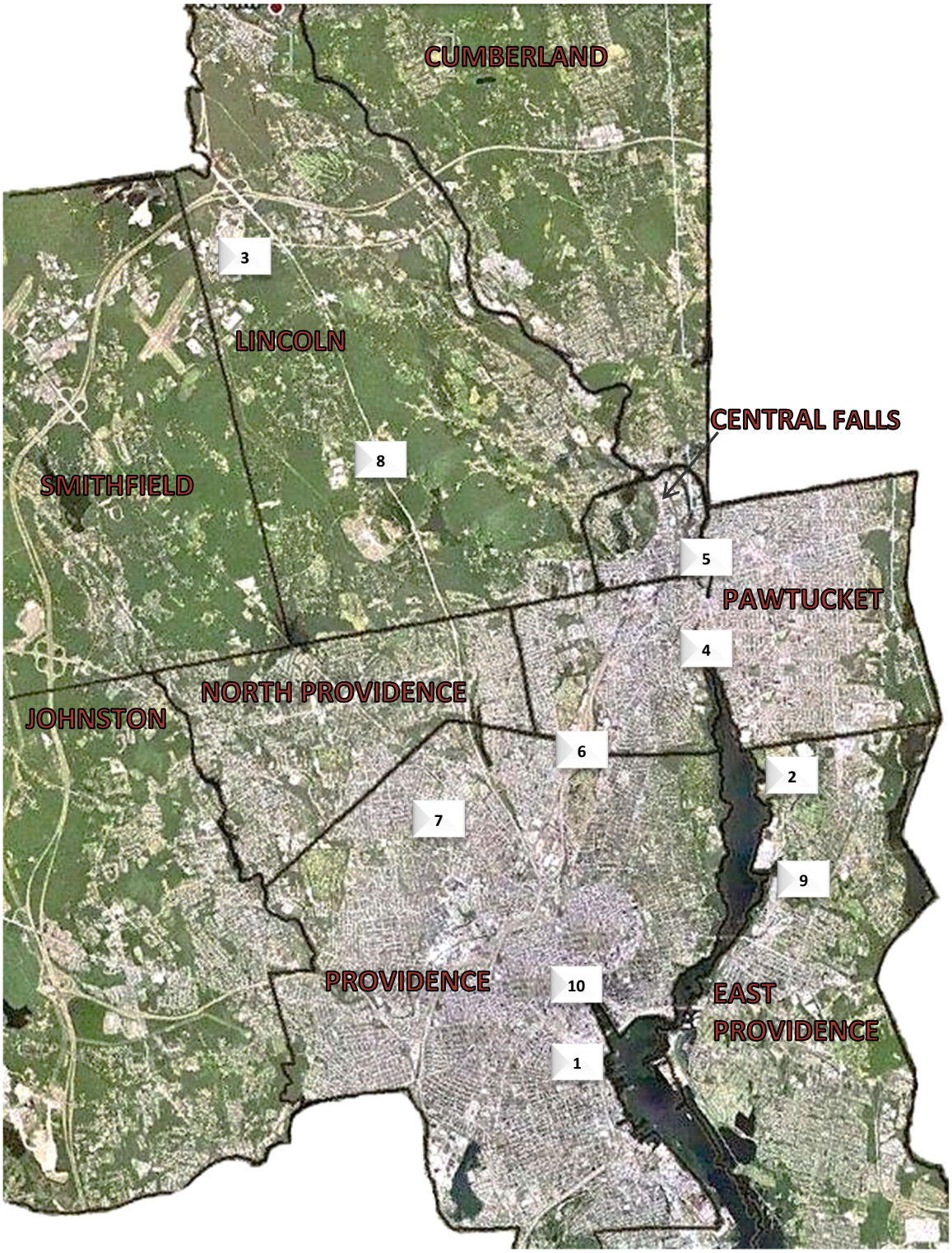
Capital Investment Incentives				
Contract	**Project**	**Source**	**FY of Award**	**Amount**
81800C	BPWWTF Sludge Digestion Facility Improvements	US Department of Energy - Grant	FY 2027	$2,900,000
81000C	BPWWTF UV Disinfection Improvements	Rhode Island Energy - Rebate	FY 2027	389,358
20600C	NBC Solar Carport	RI Renewable Energy Fund (REF) - Grant	FY 2025	206,600
				$3,495,958

Capital Improvement Program Project Locations

The capital projects identified in this year's CIP are shown on the map on the following page. The map highlights 10 project locations as identified below. Some projects are System-wide and noted as SW.

Legend Key	Project Number	Project Name
Wastewater Treatment Facilities Improvements		
1	20000	WWTF Improvements
SW	20700	Long-Range Biosolids Disposal
1	20801	Data Communications Upgrades and WWTF Network Improvements
1	20900	FPWWTF Wet Weather Clarifier Facility Improvements
SW	24000	NBC Facility Electrical Improvements
2	81701	BPWWTF Service Building Demolition
2	81800	BPWWTF Sludge Digestion Facility Improvements
1	91000	Office and Building Improvements
Bucklin Point Resiliency Improvements		
2	81000	BPWWTF UV Disinfection Improvements
2	81600	BPWWTF Improvements
Field's Point Resiliency Improvements		
1	20300	FPWWTF Improvements
1	20400	FPWWTF Ernest Street Pump Station Improvements
1	20500	FPWWTF Maintenance and Storage Buildings
1	20600	NBC Solar Carport
1	40101	FPWWTF Electrical Improvements
3	71000	Lincoln Septage Receiving Station Replacement
Infrastructure Management		
SW	1140600	RIPDES Compliance Improvements - PFAS
SW	1140900	Water Quality Model Validation and Enhancement
SW	30700	NBC System-wide Facilities Planning
SW	40200	NBC System-wide Inflow Reduction
SW	40300	Municipal Lateral Sewer Acquisition Impact
SW	40550	RIPDES Flow Monitoring System Implementation
SW	40600	Asset Management Program Support Services
SW	40700	Enterprise Resource Planning (ERP) System Replacement
CSO Phase III Facilities		
4	30800	CSO Phase III A Facilities - Design and Construction Program Management
4	30801	CSO Phase III A Facilities - Pawtucket Tunnel and Pump Station Shaft
4	30802	CSO Phase III A Facilities - Tunnel Pump Station Fit-out
4	30803	CSO Phase III A Facilities - OF 205
4	30804	CSO Phase III A Facilities - OF 210, 213, 214
4	30810	CSO Phase III A Facilities - BPWWTF Clarifiers and Flow Splitters
5	30830	CSO Phase III B Facilities
6	30850	CSO Phase III C Facilities
7	30870	CSO Phase III D Facilities
Sewer System Improvements		
1	12400	Interceptor Maintenance Building
SW	30500	NBC Interceptor Easements Restoration, Various Locations
SW	30610	NBC System-wide Regulator Modifications
9	70900	Omega Pump Station Improvements
6	72000	Reservoir Avenue Pump Station Improvements
Interceptor Cleaning and Restoration		
SW	30400M	Interceptor Inspection and Cleaning Projects
SW	30481M	Completion of Baseline Siphon Inspections and Cleanings
SW	30482M	Interceptor Inspection and Cleaning
Interceptor Restoration and Construction		
SW	30400C	Interceptor Restoration and Construction
10	30315	Woonasquatucket CSO OF 046 Improvements
8	30421	Louisquisset Pike Interceptor Improvements
SW	30468	Improvements to Interceptors FY 2022

Capital Improvement Program Project Locations



Capital Project Summary by Fiscal Year

(In Thousands)

Project Number	Project Name	Project Priority	Pre-Fiscal Year 2025	Fiscal Year 2025	Fiscal Years 2026-2030	Fiscal Years 2025 - 2030	Post-Fiscal Year 2030	Total Estimated Project Cost
Wastewater Treatment Facility Improvements								
20000	WWTF Improvements	B	$ -	$ -	$ -	$ -	$ 500	$ 500
20700	Long-Range Biosolids Disposal	A	633	741	18,359	19,099	-	19,732
20801	Data Communications Upgrades and WWTF Network Improvements	B	230	507	18,174	18,682	-	18,912
20900	FPWWTF Wet Weather Clarifier Facility Improvements	A	23	408	5,022	5,430	-	5,453
24000	NBC Facility Electrical Improvements	B	30	568	-	568	-	598
81701	BPWWTF Service Building Demolition	B	28	382	2,834	3,216	-	3,244
81800	BPWWTF Sludge Digestion Facility Improvements	A	4,806	7,480	1,903	9,383	-	14,188
91000	Office and Building Improvements	D	821	2,225	-	2,225	-	3,046
	Subtotal		6,571	12,310	46,291	58,601	500	65,672
Bucklin Point Resiliency Improvements								
81000	BPWWTF UV Disinfection Improvements	A	11,458	10,462	3,775	14,236	-	25,695
81600	BPWWTF Improvements	A	6,081	867	4,637	5,504	-	11,585
	Subtotal		17,539	11,328	8,412	19,740	-	37,280
Field's Point Resiliency Improvements								
20300	FPWWTF Improvements	A	3,811	1,623	30,470	32,093	-	35,904
20400	FPWWTF Ernest Street Pump Station Improvements	A	4,109	5,694	20,592	26,286	-	30,395
20500	FPWWTF Maintenance and Storage Buildings	A	2,144	1,511	25,668	27,179	-	29,323
20600	NBC Solar Carport	A	31	549	728	1,277	-	1,308
40101	FPWWTF Electrical Improvements	A	-	361	10,839	11,200	-	11,200
71000	Lincoln Septage Receiving Station Replacement	A	848	1,140	6,916	8,055	-	8,903
	Subtotal		10,944	10,878	95,212	106,090	-	117,033
Infrastructure Management								
1140600	RIPDES Compliance Improvements - PFAS	C	916	288	447	735	-	1,651
1140900	Water Quality Model Validation and Enhancement	C	46	33	85	118	-	163
30700	NBC System-wide Facilities Planning	D	-	2	1,117	1,119	-	1,119
40200	NBC System-wide Inflow Reduction	D	-	-	1,690	1,690	-	1,690
40300	Municipal Lateral Sewer Acquisition Impact	D	-	-	645	645	-	645
40550	RIPDES Flow Monitoring System Implementation	A	547	1,313	-	1,313	-	1,860
40600	Asset Management Program Support Services	A	56	454	116	570	-	625
40700	Enterprise Resource Planning (ERP) System Replacement	D	-	52	857	908	-	908
	Subtotal		1,564	2,140	4,956	7,097	-	8,661
CSO Phase III Facilities								
30800	CSO Phase III A Facilities - Design and Construction Program Managemen	A	66,721	7,861	17,283	25,144	-	91,865
30801	CSO Phase III A Facilities - Pawtucket Tunnel and Pump Station Shaft	A	439,673	43,253	2,764	46,017	-	485,690
30802	CSO Phase III A Facilities - Tunnel Pump Station Fit-out	A	10,465	63,177	75,804	138,981	-	149,446
30803	CSO Phase III A Facilities - OF 205	A	4,016	3,553	96	3,649	-	7,665
30804	CSO Phase III A Facilities - OF 210, 213, 214	A	412	7,890	49,115	57,005	-	57,416
30810	CSO Phase III A Facilities - BPWWTF Clarifiers and Flow Splitters	A	24,297	24,876	8,724	33,600	-	57,897
	CSO Phase III A Facilities Subtotal		545,584	150,610	153,785	304,394	-	849,978
30830	CSO Phase III B Facilities	A	-	-	28,118	28,118	17,387	45,505
30850	CSO Phase III C Facilities	A	-	-	-	-	290,393	290,393
30870	CSO Phase III D Facilities	A	-	-	-	-	160,674	160,674
	CSO Phase III B, C, and D Facilities Subtotal		-	-	28,118	28,118	468,453	496,571
	Subtotal		545,584	150,610	181,903	332,513	468,453	1,346,550
Sewer System Improvements								
12400	Interceptor Maintenance Building	C	-	-	492	492	17,548	18,039
30500	NBC Interceptor Easements Restoration, Various Locations	B	-	36	1,542	1,578	-	1,578
30610	NBC System-wide Regulator Modifications	A	753	1,412	399	1,811	-	2,564
70900	Omega Pump Station Improvements	B	20	679	8,266	8,946	-	8,966
72000	Reservoir Avenue Pump Station Improvements	B	233	714	7,792	8,506	-	8,738
	Subtotal		1,006	2,841	18,491	21,332	17,548	39,886
Interceptor Cleaning and Restoration								
30400M	Interceptor Inspection and Cleaning Projects	A	-	-	2,500	2,500	500	3,000
30481M	Completion of Baseline Siphon Inspections and Cleanings	A	393	194	-	194	-	587
30482M	Interceptor Inspection and Cleaning	B	-	618	-	618	-	618
	Subtotal		393	812	2,500	3,312	500	4,205
Interceptor Restoration and Construction								
30400C	Interceptor Restoration and Construction	B	-	1,045	2,742	3,787	1,500	5,287
30315	Woonasquatucket CSO OF 046 Improvements	B	107	36	3,838	3,874	-	3,981
30421	Louisquisset Pike Interceptor Improvements	C	-	-	2,868	2,868	3,393	6,261
30468	Improvements to Interceptors FY 2022	A	1,432	419	152	571	-	2,003
	Subtotal		1,538	1,500	9,600	11,100	4,893	17,531
	Total		**$ 585,139**	**$ 192,419**	**$ 367,365**	**$ 559,784**	**$ 491,894**	**$ 1,636,817**

Priority	Description
A	Mandated, emergency, critical need or under construction.
B	Required to maintain system reliability and ongoing operation of facilities.
C	Project scope and requirements are dependent on futures system needs or regulatory requirements.
D	Project not critical but achieves efficiencies and/or reduces carbon footprint.

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20000

WWTF Improvements

Project Manager: David Bowen, P.E.
Contractor(s): N/A

Location: Field's Point and Bucklin Point WWTF's
Project Priority: B

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	Ongoing	Ongoing	Ongoing	$500
Total Project	**Ongoing**	**Ongoing**	**Ongoing**	**$500**

Photo: Aeration Tank Pumps

This project is an annual allocation for facility improvements at NBC's WWTF's to comply with current and future regulatory requirements and ensure uninterrupted wastewater treatment processing. NBC programs $500 thousand annually for improvements to ensure resources are available in years that do not have specific projects identified. As new projects are identified, they are given a unique project number.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 500	$ 500

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 64	$ 64
A/E Professional	-	-	-	-	-	-	-	284	284
Construction	-	-	-	-	-	-	-	79	79
Contingency	-	-	-	-	-	-	-	58	58
Other	-	-	-	-	-	-	-	15	15
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 500**	**$ 500**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

20700

Long-Range Biosolids Disposal

Project Manager: David Bowen, P.E.
Location: Field's Point and Bucklin Point WWTFs
Contractor(s): TBD
Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	July-21	September-26	63 Months	$5,346
Construction	October-26	December-29	39 Months	14,386
Total Project	**July-21**	**December-29**	**102 Months**	**$19,732**

Photo: Sludge Dewatering and Handling Facility

This project involves the evaluation, planning and development of a reliable long-term sludge management strategy for sludge generated at NBC's Field's Point and Bucklin Point WWTFs. This study will explore the requirement and relative benefits of various appropriate industry standard residual solids disposal and management practices to address NBC's needs. The study will evaluate the relative benefits of continuing with similar disposal practices on a long-term basis for both WWTFs, as well as more capital-intensive options such as constructing new sludge process facilities.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 633	**$ 741**	**$ 3,663**	**$ 862**	**$ 5,674**	**$ 5,660**	**$ 2,500**	**$ -**	**$ 19,732**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 257	$ 265	$ 191	$ 23	$ -	$ -	$ -	$ -	$ 735
Land	-	-	2,500	-	-	-	-	-	2,500
A/E Professional	309	371	721	225	-	-	-	-	1,626
Other	68	105	251	62	-	-	-	-	486
Total	**$ 633**	**$ 741**	**$ 3,663**	**$ 310**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 5,346**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ 59	$ 120	$ 120	$ 60	$ -	$ 359
A/E Professional	-	-	-	52	213	250	235	-	750
Construction	-	-	-	333	4,001	4,001	1,667	-	10,002
Contingency	-	-	-	108	1,290	1,290	538	-	3,225
Other	-	-	-	-	50	-	-	-	50
Total	**$ -**	**$ -**	**$ -**	**$ 552**	**$ 5,674**	**$ 5,660**	**$ 2,500**	**$ -**	**$ 14,386**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

20801

Data Communications Upgrades and WWTF Network Improvements

Project Manager: David Bowen, P.E. Location: WWTF
Contractor(s): TBD Project Priority: B

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	October-24	September-26	24 Months	$1,716
Construction	April-22	September-29	90 Months	17,195
Total Project	**April-22**	**September-29**	**90 Months**	**$18,912**

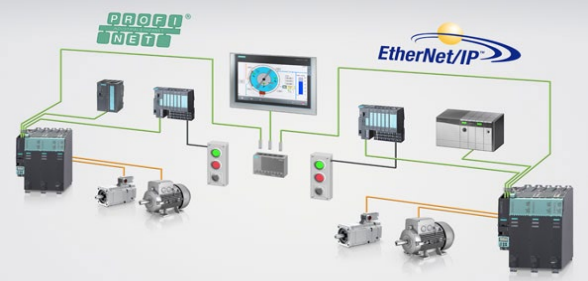


Photo: Ethernet Integrated Communication Network

NBC's WWTFs employ a range of treatment technologies and intricate process systems, all overseen by a computerized control system.

This project aims to address several challenges in terms of reliability and efficiency by implementing a more modern, open-architecture Ethernet-based hybrid data control system. The project will incorporate new hardware, software, and ancillary support services to enhance the existing Control Systems, leveraging Ethernet DCS Loop Improvements and other technical solutions.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 230	**$ 507**	**$ 3,303**	**$ 2,432**	**$ 5,528**	**$ 5,528**	**$ 1,382**	**$ -**	**$ 18,912**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ 49	$ 60	$ 15	$ -	$ -	$ -	$ -	$ 124
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	372	667	167	-	-	-	-	1,206
Other	-	87	240	60	-	-	-	-	387
Total	**$ -**	**$ 507**	**$ 967**	**$ 242**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,716**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 4	$ -	$ 70	$ 62	$ 60	$ 60	$ 15	$ -	$ 270
A/E Professional	-	-	120	248	268	268	67	-	970
Construction	224	-	1,649	1,425	4,001	4,001	1,000	-	12,300
Contingency	-	-	467	456	1,200	1,200	300	-	3,623
Other	3	-	30	-	-	-	-	-	33
Total	**$ 230**	**$ -**	**$ 2,336**	**$ 2,190**	**$ 5,528**	**$ 5,528**	**$ 1,382**	**$ -**	**$ 17,195**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

20900
FPWWTF Wet Weather Clarifier Facility Improvements

Project Manager: David Bowen, P.E.
Contractor(s): TBC
Project Location: WWTF
Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	October-23	October-25	24 Months	N/A
Design	February-24	February-26	25 Months	$691
Construction	February-26	June-29	40 Months	4,762
Total Project	**October-23**	**June-29**	**68 Months**	**$5,453**

Photo: Wet Weather Clarifiers

This project consists of the evaluation, design and construction of upgrades to the Field's Point WWTF's Wet Weather Clarifier Complex, which was constructed circa 1988.

Facility upgrades are needed to address damaged rotating components and other problematic infrastructure concerns to ensure the continued reliable operation of this aging unit infrastructure. Risk-based asset management concepts shall be implemented when considering equipment replacements, use of new technology, and design enhancements required to mitigate premature equipment failure, loss of treatment performance and facility operation and maintenance requirements.

CIP Window Summary

Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
$ 23	**$ 408**	**$ 310**	**$ 1,414**	**$ 1,321**	**$ 1,977**	**$ -**	**$ -**	**$ 5,453**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 23	$ 78	$ 52	$ -	$ -	$ -	$ -	$ -	$ 153
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	216	173	-	-	-	-	-	389
Other	-	114	35	-	-	-	-	-	149
Total	**$ 23**	**$ 408**	**$ 260**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 691**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ 32	$ 143	$ 150	$ 153	$ -	$ -	$ 477
A/E Professional	-	-	18	120	42	68	-	-	248
Construction	-	-	-	850	800	1,455	-	-	3,105
Contingency	-	-	-	301	329	301	-	-	932
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ 50**	**$ 1,414**	**$ 1,321**	**$ 1,977**	**$ -**	**$ -**	**$ 4,762**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

24000

NBC Facility Electrical Improvements

Project Manager: David Bowen, P.E.
Contractor(s): N/A

Location: NBC Service Area
Project Priority: B

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	December-23	June-25	34 Months	$598
Design	N/A	N/A	N/A	N/A
Construction	N/A	N/A	N/A	N/A
Total Project	**December-23**	**June-25**	**19 Months**	**$598**

Photo: Field's Point Electrical Facility

This project involves the evaluation of NBC's existing electrical equipment and facilities. Upon completion of the evaluation, improvements will be performed as necessary to ensure reliable and continuous operation of facilities throughout NBC's service area.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 30	**$ 568**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 598**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 30	$ 77	$ -	$ -	$ -	$ -	$ -	$ -	$ 107
A/E Professional	-	281	-	-	-	-	-	-	281
Other	-	210	-	-	-	-	-	-	210
Total	**$ 30**	**$ 568**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 598**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

81701

BPWWTF Service Building Demolition

Project Manager: David Bowen, P.E. Location: Bucklin Point WWTF
Contractor(s): TBD Project Priority: B

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	March-24	May-25	15 Months	$410
Construction	May-25	August-26	14 Months	2,834
Total Project	**March-24**	**August-26**	**29 Months**	**$3,244**

Photo: Bucklin Point Operations Building

This project consists of the demolition of the BPWWTF's Service Building, and relocating select utilities that serve the building. NBC believes costs for maintaining or renovating this existing building complex outweighs the benefit of preserving the facility. Demolotion and subsequent site restoration will also create useable space for potential process improvements at the treatment plant.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 28	**$ 382**	**$ 2,807**	**$ 28**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,244**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 28	$ 72	$ -	$ -	$ -	$ -	$ -	$ -	$ 100
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	200	-	-	-	-	-	-	200
Other	-	110	-	-	-	-	-	-	110
Total	**$ 28**	**$ 382**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 410**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ 82	$ 15	$ -	$ -	$ -	$ -	$ 97
A/E Professional	-	-	125	13	-	-	-	-	138
Construction	-	-	2,000	-	-	-	-	-	2,000
Contingency	-	-	600	-	-	-	-	-	600
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ 2,807**	**$ 28**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,834**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

81800

BPWWTF Sludge Digestion Facility Improvements

Project Manager: David Bowen, P.E. Location: Bucklin Point WWTF
Contractor(s): TBD Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	February-22	December-24	35 Months	$1,115
Construction	February-23	February-26	36 Months	13,073
Total Project	**February-22**	**February-26**	**49 Months**	**$14,188**

Photo: Bucklin Point Digester

In order to mitigate and best manage known aging infrastructure concerns, NBC must address various operational needs at the Bucklin Point WWTF's Sludge Digestion Complex. This project involves miscellaneous improvements and upgrades to the treatment plant's digester complex including; inspection and evaluation of primary and secondary digesters, piping systems and other process-related appurtenances, concrete and piping system repairs to address known problematic leakage concerns, and other related facility infrastructure improvement needs.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 4,806	**$ 7,480**	**$ 1,903**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 14,188**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 205	$ 39	$ -	$ -	$ -	$ -	$ -	$ -	$ 244
Land	-	-	-	-	-	-	-	-	-
A/E Professional	554	94	-	-	-	-	-	-	648
Other	157	67	-	-	-	-	-	-	224
Total	**$ 915**	**$ 200**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,115**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 129	$ 180	$ 80	$ -	$ -	$ -	$ -	$ -	$ 389
A/E Professional	200	254	85	-	-	-	-	-	539
Construction	2,920	5,400	1,508	-	-	-	-	-	9,828
Contingency	295	394	230	-	-	-	-	-	918
Other	347	1,052	-	-	-	-	-	-	1,399
Total	**$ 3,891**	**$ 7,280**	**$ 1,903**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 13,073**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	189,718	227,661	227,661	227,661
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ (189,718)**	**$ (227,661)**	**$ (227,661)**	**$ (227,661)**

91000
Office and Building Improvements

Project Manager: Rich Bernier, P.E.
Contractor(s): Various

Location: COB
Project Priority: D

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	June-23	February-25	21 Months	$3,046
Total Project	**June-23**	**February-25**	**21 Months**	**$3,046**

Photo: Fields Point Administration Building

This project includes office renovations and reconfigurations to accommodate organizational changes and enhance productivity. This project also includes various HVAC control systems upgrades, the replacement of two roof-top air conditioning units, and the roof of the Field's Point Primary Sludge Pumping Station.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 821	**$ 2,225**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,046**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional		-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 58	$ 22	$ -	$ -	$ -	$ -	$ -	$ -	$ 80
A/E Professional	20	-	-	-	-	-	-	-	20
Construction	562	2,090	-	-	-	-	-	-	2,652
Contingency	181	113	-	-	-	-	-	-	294
Other	-	-	-	-	-	-	-	-	-
Total	**$ 821**	**$ 2,225**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,046**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-			
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

81000

BPWWTF UV Disinfection Improvements

Project Manager: David Bowen, P.E. Location: Bucklin Point WWTF (East Providence, RI)
Contractor(s): TBD Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	April-17	February-22	59 Months	N/A
Construction	July-22	October-26	52 Months	$25,695
Total Project	**April-17**	**October-26**	**115 Months**	**$25,695**

Photo: Bucklin Point UV Disinfection System

This project involves the evaluation of the current Ultraviolet (UV) Disinfection system at the Bucklin Point WWTF and implementation of a system replacement/ upgrade along with the design and construction of a new building to contain the system. The current UV equipment is nearing the end of its useful life, and the medium pressure, high intensity lamps are expensive and less efficient than newer technologies.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 11,458	**$ 10,462**	**$ 3,668**	**$ 107**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 25,695**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 372	$ 90	$ 48	$ 2	$ -	$ -	$ -	$ -	$ 512
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	9,864	8,308	2,739	105	-	-	-	-	21,016
Contingency	1,177	2,018	841	-	-	-	-	-	4,036
Other	45	45	40	-	-	-	-	-	130
Total	**$ 11,458**	**$ 10,462**	**$ 3,668**	**$ 107**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 25,695**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	228,982	343,473	343,473	343,473	343,473
Increased Expense	-	19,234	28,851	28,851	28,851	28,851
Net Impact on Operating Budget	**$ -**	**$ (209,748)**	**$ (314,622)**	**$ (314,622)**	**$ (314,622)**	**$ (314,622)**

81600
BPWWTF Improvements

Project Manager: David Bowen, P.E. Location: BPWWTF
Contractor(s): Biszko Building Systems, Inc. Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	June-19	July-25	73 Months	$1,147
Construction	January-24	October-27	46 Months	10,438
Total Project	**June-19**	**October-27**	**100 Months**	**$11,585**

Photo: 2,000 kWh Generator Installation

This project involves miscellaneous improvements and upgrades to the Bucklin Point WWTF including the repair or replacement of boilers, hydronic piping systems, and isolation gates. Other improvements include modifications to HVAC systems, inspection and repairs to sludge digester tanks and related system appurtenances, miscellaneous concrete repairs, installation of a redundant standby power system, electrical manhole dewatering sump pump systems, and other miscellaneous infrastructure needs.

CIP Window Summary

Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
$ 6,081	**$ 867**	**$ 1,611**	**$ 2,652**	**$ 375**	**$ -**	**$ -**	**$ -**	**$ 11,585**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 173	$ 94	$ 7	$ -	$ -	$ -	$ -	$ -	$ 273
Land	-	-	-	-	-	-	-	-	-
A/E Professional	514	334	-	-	-	-	-	-	848
Other	15	10	-	-	-	-	-	-	25
Total	**$ 702**	**$ 438**	**$ 7**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,147**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 46	$ 12	$ 182	$ 180	$ 25	$ -	$ -	$ -	$ 445
A/E Professional	14	37	105	122	20	-	-	-	297
Construction	5,299	380	1,236	2,345	330	-	-	-	9,589
Contingency	-	-	-	-	-	-	-	-	-
Other	21	-	82	5	-	-	-	-	107
Total	**$ 5,379**	**$ 429**	**$ 1,604**	**$ 2,652**	**$ 375**	**$ -**	**$ -**	**$ -**	**$ 10,438**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	859	3,437	3,437	3,437
Net Impact on Operating Budget	**$ -**	**$ -**	**$ 859**	**$ 3,437**	**$ 3,437**	**$ 3,437**

20300
FPWWTF Improvements

Project Manager: David Bowen, P.E.
Contractor(s): TBD
Location: Field's Point WWTF
Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	February-22	July-26	54 Months	$4,538
Construction	March-22	January-30	95 Months	31,366
Total Project	**February-22**	**January-30**	**96 Months**	**$35,904**

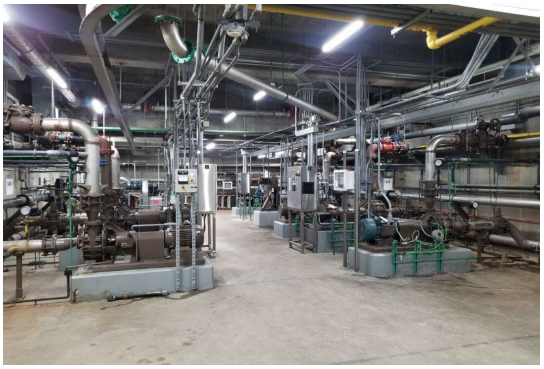


Photo: Primary Sludge Pump Station

Improvements to the FPWWTF include replacement of the Pepcon odor scrubber at the Gravity Thickener Building; evaluation and design of miscellaneous improvements to the WWTF's Disinfection system; a new transformer and replacement of the Plant Water System's automatic strainer system. Other improvements include the design and construction of three dedicated VFD's to allow simultaneous operation of RAS Pump Nos. 7, 8, 9; OSHA safety required handrail installation at the Blower/Screw Lift Building and the Primary Pump Station; replacement of the HVAC unit at the Gravity Thickener Pump Station; storm water collection system and pavement regrading improvements.

CIP Window Summary

Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
$ 3,811	**$ 1,623**	**$ 4,867**	**$ 7,908**	**$ 6,002**	**$ 9,272**	**$ 2,422**	**$ -**	**$ 35,904**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 239	$ 102	$ 102	$ 9	$ -	$ -	$ -	$ -	$ 452
Land	-		-	-	-	-	-	-	-
A/E Professional	1,155	974	1,200	100	-	-	-	-	3,429
Other	178	256	206	17	-	-	-	-	657
Total	**$ 1,571**	**$ 1,333**	**$ 1,508**	**$ 126**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 4,538**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 32	$ 62	$ 152	$ 302	$ 268	$ 150	$ 84	$ -	$ 1,048
A/E Professional	-	50	150	353	308	380	318	-	1,558
Construction	2,207	75	1,740	5,875	4,184	7,500	1,400	-	22,981
Contingency	1	104	1,242	1,242	1,242	1,242	621	-	5,693
Other	-	-	75	10	-	-	-	-	85
Total	**$ 2,240**	**$ 290**	**$ 3,359**	**$ 7,782**	**$ 6,002**	**$ 9,272**	**$ 2,422**	**$ -**	**$ 31,366**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	75,000	75,000	75,000
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ (75,000)**	**$ (75,000)**	**$ (75,000)**

20400

FPWWTF Ernest Street Pump Station Improvements

Project Manager: David Bowen, P.E. Location: Field's Point WWTF
Contractor(s): TBD Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	July-21	April-25	45 Months	$3,285
Construction	March-23	August-28	65 Months	27,111
Total Project	**July-21**	**August-28**	**86 Months**	**$30,395**

Photo: Ernest Street Pump Station

This project involves improvements and upgrades to the 200 MGD Ernest Street Pump Station related to the pumping station's critical, aging infrastructure systems including: large-diameter valves, gates and actuators; flow meters; centrifugal wastewater pumps; variable frequency drive (VFD) units; instrumentation and control (I&C) systems; influent screening systems; motor control centers (MCCs), IQ-1000 motor protectors and electrical power systems; and a 1,750 kVA standby power generator system.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 4,109	**$ 5,694**	**$ 4,844**	**$ 7,763**	**$ 7,621**	**$ 364**	**$ -**	**$ -**	**$ 30,395**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 258	$ 61	$ -	$ -	$ -	$ -	$ -	$ -	$ 319
Land	-	-	-	-	-	-	-	-	-
A/E Professional	1,486	1,050	-	-	-	-	-	-	2,537
Other	311	118	-	-	-	-	-	-	429
Total	**$ 2,055**	**$ 1,229**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,285**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 173	$ 232	$ 255	$ 175	$ 126	$ 17	$ -	$ -	$ 978
A/E Professional	222	213	336	293	370	105	-	-	1,538
Construction	776	2,920	2,983	6,175	5,975	150	-	-	18,979
Contingency	825	1,100	1,100	1,100	1,100	92	-	-	5,319
Other	58	-	170	20	50	-	-	-	298
Total	**$ 2,054**	**$ 4,465**	**$ 4,844**	**$ 7,763**	**$ 7,621**	**$ 364**	**$ -**	**$ -**	**$ 27,111**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

20500

FPWWTF Maintenance and Storage Buildings

Project Manager: David Bowen, P.E. Location: Field's Point WWTF
Contractor(s): TBD Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	February-22	April-25	39 Months	$3,624
Construction	April-23	July-27	52 Months	25,699
Total Project	**February-22**	**July-27**	**66 Months**	**$29,323**

Photo: Existing FPWWTF Maintenance Building

This project involves the planning, design and construction of a new Maintenance Building, an Interceptor Maintenance (IM) Storage Building and related support facilities at the Field's Point campus to support NBC's long-range planning goals to address resiliency and aging infrastructure concerns.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 2,144	**$ 1,511**	**$ 10,996**	**$ 14,671**	**$ 1**	**$ -**	**$ -**	**$ -**	**$ 29,323**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 251	$ 83	$ -	$ -	$ -	$ -	$ -	$ -	$ 334
Land	1,025	-	-	-	-	-	-	-	1,025
A/E Professional	707	1,154	-	-	-	-	-	-	1,861
Other	160	244	-	-	-	-	-	-	403
Total	**$ 2,144**	**$ 1,481**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,624**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ 17	$ 285	$ 214	$ 1	$ -	$ -	$ -	$ 517
A/E Professional	-	14	599	623	-	-	-	-	1,235
Construction	-	-	7,850	11,150	-	-	-	-	19,000
Contingency	-	-	2,111	2,639	-	-	-	-	4,750
Other	-	-	152	45	-	-	-	-	197
Total	**$ -**	**$ 31**	**$ 10,996**	**$ 14,671**	**$ 1**	**$ -**	**$ -**	**$ -**	**$ 25,699**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	16,166	64,665	64,665	64,665	64,665
Net Impact on Operating Budget	**$ -**	**$ 16,166**	**$ 64,665**	**$ 64,665**	**$ 64,665**	**$ 64,665**

20600
NBC Solar Carport

Project Manager: Jim Kelly
Contractor(s): Various
Location: WQSB
Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	October-23	July-25	22 Months	$1,308
Total Project	**October-23**	**July-25**	**22 Months**	**$1,308**

Photo: Solar Carport

This project involves the design and installation of a solar carport on the Field's Point campus and will serve as an additional renewable energy source to help NBC achieve its goal of 100% renewable energy resources. The solar carport will also protect vehicles and staff from ice shed from the wind turbines. This project may be eligible for up to $206,600 in grant funding through the Rhode Island Renewable Energy Fund (REF) Commercial-Scale Program.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 31	**$ 549**	**$ 728**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,308**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 31	$ 13	$ 5	$ -	$ -	$ -	$ -	$ -	$ 49
A/E Professional	-	36	29	-	-	-	-	-	65
Construction	-	486	486	-	-	-	-	-	971
Contingency	-	-	194	-	-	-	-	-	194
Other	-	15	14	-	-	-	-	-	29
Total	**$ 31**	**$ 549**	**$ 728**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,308**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ 3,833	$ 6,570	$ 6,570	$ 6,570	$ 6,570
Reduced Expense	-	24,588	42,150	42,150	42,150	42,150
Increased Expense	-	1,744	2,990	2,990	2,990	2,990
Net Impact on Operating Budget	**$ -**	**$ (26,676)**	**$ (45,730)**	**$ (45,730)**	**$ (45,730)**	**$ (45,730)**

40101

FPWWTF Electrical Improvements

Project Manager: David Bowen, P.E. Location: Providence, RI
Contractor(s): Various Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	October-24	April-26	19 Months	$1,101
Construction	May-26	August-29	40 Months	10,099
Total Project	**October-24**	**August-29**	**59 Months**	**$11,200**

Photo: Field's Point Screw and Blower Generator

This project involves the evaluation and installation of standby power capabilities for critical facilities at the Field's Point WWTF in order to maintain uninterrupted operation of treatment processes.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ -	**$ 361**	**$ 792**	**$ 2,156**	**$ 1,764**	**$ 5,752**	**$ 376**	**$ -**	**$ 11,200**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ 63	$ 82	$ -	$ -	$ -	$ -	$ -	$ 144
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	210	548	-	-	-	-	-	758
Other	-	89	111	-	-	-	-	-	199
Total	**$ -**	**$ 361**	**$ 740**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,101**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ 7	$ 111	$ 84	$ 135	$ 19	$ -	$ 356
A/E Professional	-	-	5	160	75	223	30	-	493
Construction	-	-	-	1,375	1,105	4,850	245	-	7,575
Contingency	-	-	41	490	490	490	82	-	1,591
Other	-	-	-	20	10	55	-	-	85
Total	**$ -**	**$ -**	**$ 52**	**$ 2,156**	**$ 1,764**	**$ 5,752**	**$ 376**	**$ -**	**$ 10,099**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	3,150	3,437	3,437
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ 3,150**	**$ 3,437**	**$ 3,437**

71000

Lincoln Septage Receiving Station Replacement

Project Manager: David Bowen, P.E. Location: Lincoln, RI
Contractor(s): TBD Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	February-22	February-25	36 Months	$1,504
Construction	October-24	June-27	33 Months	7,399
Total Project	**February-22**	**June-27**	**64 Months**	**$8,903**

Photo: Lincoln Septage Receiving Station

The Lincoln Septage Receiving Station has reached the end of its useful life and needs to be replaced. This project includes design and construction of a new septage receiving station equipped with a screening mechanism and sample collection capabilities. In addition, the new facility will contain an Odor Control System to mitigate and manage fugitive emissions and odors.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 848	**$ 1,140**	**$ 3,925**	**$ 2,991**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 8,903**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 146	$ 52	$ -	$ -	$ -	$ -	$ -	$ -	$ 198
Land	-	-	-	-	-	-	-	-	-
A/E Professional	624	509	-	-	-	-	-	-	1,132
Other	79	96	-	-	-	-	-	-	174
Total	**$ 848**	**$ 656**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,504**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ 98	$ 183	$ 179	$ -	$ -	$ -	$ -	$ 459
A/E Professional	-	27	168	131	-	-	-	-	325
Construction	-	200	2,800	2,000	-	-	-	-	5,000
Contingency	-	124	744	682	-	-	-	-	1,550
Other	-	35	30	-	-	-	-	-	65
Total	**$ -**	**$ 484**	**$ 3,925**	**$ 2,991**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,399**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	3,467	20,800	20,800	20,800
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ (3,467)**	**$ (20,800)**	**$ (20,800)**	**$ (20,800)**

1140600

RIPDES Compliance Improvements - PFAS

Project Manager: David Bowen, P.E. Location: NBC District
Contractor(s): TBD Project Priority: C

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	March-18	April-27	110 Months	$1,651
Construction	N/A	N/A	N/A	N/A
Total Project	**March-18**	**April-27**	**110 Months**	**$1,651**

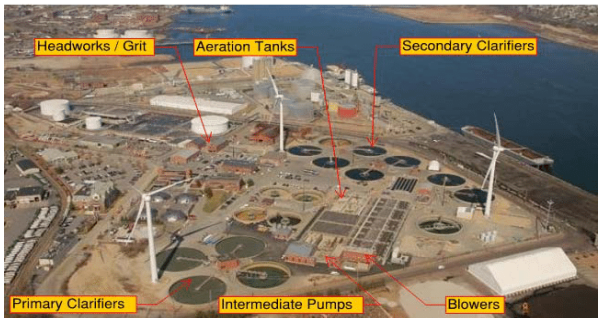


Photo: Aerial of the FPWWTF and the Providence River

This project includes improvements to the wastewater treatment and collections systems that may be required to comply with new permit limits, regulations and mandates. Specific improvements shall be identified through a Metals Translator Study, a Technically Based Local Limits Evaluation Study, a Compounds or Emerging Concerns Study, a Per- and Polyfluoroalkyl Substances (PFAS) Study, an Upper Bay Dissolved Oxygen Evaluation, a Climate Resiliency Plan, a site specific study and other similar evaluations and research programs.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 916	**$ 288**	**$ 255**	**$ 192**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,651**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 612	$ 255	$ 230	$ 171	$ -	$ -	$ -	$ -	$ 1,268
Land	-	-	-	-	-	-	-	-	-
A/E Professional	257	-	-	-	-	-	-	-	257
Other	48	33	25	21	-	-	-	-	127
Total	**$ 916**	**$ 288**	**$ 255**	**$ 192**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,651**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

1140900

Water Quality Model Validation and Enhancement

Project Manager: Walter Palm
Contractor(s): TBD
Location: NBC Receiving Waters
Project Priority: C

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	July-23	September-27	50 Months	$163
Construction	N/A	N/A	N/A	N/A
Total Project	**July-23**	**September-27**	**50 Months**	**$163**

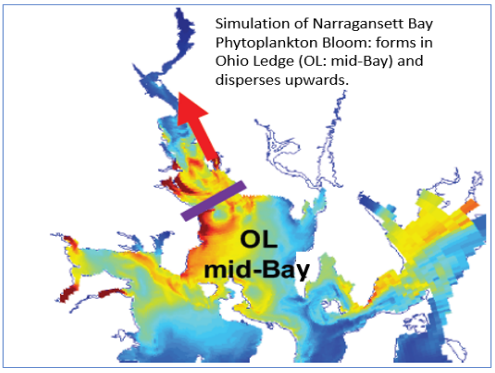


Photo: The ROMS model shows how algal blooms form and move through the Bay.

The Regional Ocean Modeling System (ROMS) tracks water circulation and pollutant transport. The ROMS model determines how nitrogen loads and environmental factors affect the biology and quality of the NBC's receiving waters. The purpose of this project is to ensure NBC regulatory requirements are science-based. Assessment of model performance and external recommendations by an outside contractor will guide continued model enhancements to provide NBC with the tools necessary to critically review proposed new regulatory requirements and prevent unnecessary capital expenditures.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 46	**$ 33**	**$ 33**	**$ 34**	**$ 18**	**$ -**	**$ -**	**$ -**	**$ 163**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 6	$ 3	$ 3	$ 4	$ 3	$ -	$ -	$ -	$ 18
Land	-	-	-	-	-	-	-	-	-
A/E Professional	15	30	30	30	15	-	-	-	120
Other	25	-	-	-	-	-	-	-	25
Total	**$ 46**	**$ 33**	**$ 33**	**$ 34**	**$ 18**	**$ -**	**$ -**	**$ -**	**$ 163**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30700

NBC System-wide Facilities Planning

Project Manager: David Bowen, P.E. Location: NBC Service Area
Contractor(s): N/A Project Priority: D

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	January-24	April-27	39 Months	$1,119
Construction	N/A	N/A	N/A	N/A
Total Project	**January-24**	**April-27**	**39 Months**	**$1,119**

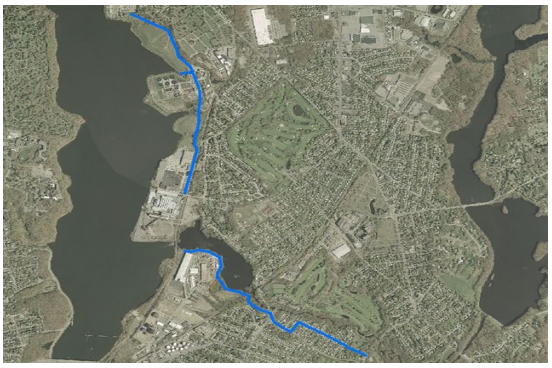


Photo: Proposed area for the East Providence Capacity Analysis

This project consists of planning activities to determine if there is adequate system capacity for the next twenty years and if there is any excess infiltration/inflow in NBC's interceptors. As the evaluations begin for specific cities and towns in NBC's service area, each will be given a unique project number.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ -	**$ 2**	**$ 579**	**$ 538**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,119**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ 2	$ 92	$ 77	$ -	$ -	$ -	$ -	$ 170
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	177	163	-	-	-	-	340
Other	-	-	310	299	-	-	-	-	610
Total	**$ -**	**$ 2**	**$ 579**	**$ 538**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,119**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

40200

NBC System-wide Inflow Reduction

Project Manager: David Bowen, P.E. Location: NBC Service Area
Contractor(s): N/A Project Priority: D

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	April-26	March-28	24 Months	$728
Construction	May-28	January-30	20 Months	961
Total Project	**March-24**	**November-25**	**20 Months**	**$1,690**

Photo: Downspouts at NBC's Corporate Office Building

This project involves the development and implementation of an inflow reduction program to remove stormwater from sanitary sewers in the NBC's service area. This project is imperative to prevent surcharging of sewers that could cause illegal sanitary sewer overflows during wet weather events.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ -	**$ -**	**$ 64**	**$ 521**	**$ 199**	**$ 552**	**$ 354**	**$ -**	**$ 1,690**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ 16	$ 72	$ 46	$ -	$ -	$ -	$ 133
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	36	348	64	-	-	-	448
Other	-	-	11	102	34	-	-	-	147
Total	**$ -**	**$ -**	**$ 64**	**$ 521**	**$ 143**	**$ -**	**$ -**	**$ -**	**$ 728**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ 39	$ 87	$ 54	$ -	$ 180
A/E Professional	-	-	-	-	5	63	40	-	107
Construction	-	-	-	-	-	307	185	-	492
Contingency	-	-	-	-	12	70	41	-	122
Other	-	-	-	-	-	25	35	-	60
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ 56**	**$ 552**	**$ 354**	**$ -**	**$ 961**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

40300

Municipal Lateral Sewer Acquisition Impact

Project Manager: David Bowen, P.E. Location: NBC Service Area
Contractor(s): N/A Project Priority: D

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	July-25	November-27	29 Months	$645
Design	N/A	N/A	N/A	N/A
Construction	N/A	N/A	N/A	N/A
Total Project	**July-25**	**November-27**	**29 Months**	**$645**

Photo: Municipal Sewer Manhole Cover

This project involves evaluating the impact of NBC assuming ownership of lateral sewers that are currently owned by municipalities within NBC's service area. If legislation is passed by the General Assembly mandating NBC to take over ownership and maintenance of local sewers within NBC's service area, this project will be required.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ -	**$ -**	**$ 131**	**$ 422**	**$ 92**	**$ -**	**$ -**	**$ -**	**$ 645**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ 88	$ 91	$ 23	$ -	$ -	$ -	$ 201
A/E Professional	-	-	16	240	50	-	-	-	306
Other	-	-	27	92	20	-	-	-	139
Total	**$ -**	**$ -**	**$ 131**	**$ 422**	**$ 92**	**$ -**	**$ -**	**$ -**	**$ 645**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

40550

RIPDES Flow Monitoring System Implementation

Project Manager: Anthony Dilorio
Contractor(s): TBD
Location: NBC Service Area
Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	February-24	June-25	16 Months	$1,860
Total Project	**February-24**	**June-25**	**16 Months**	**$1,860**

Photo: Flow Monitor

This project involves the replacement of existing flow monitoring equipment. In addition, the project will address capacity restriction points located throughout NBC's collection system through the purchase and installation of equipment to accurately monitor flow conditions and measurements in accordance with the RIPDES permit.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 547	**$ 1,313**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,860**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 75	$ 180	$ -	$ -	$ -	$ -	$ -	$ -	$ 255
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	472	1,133	-	-	-	-	-	-	1,605
Contingency	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ 547**	**$ 1,313**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,860**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

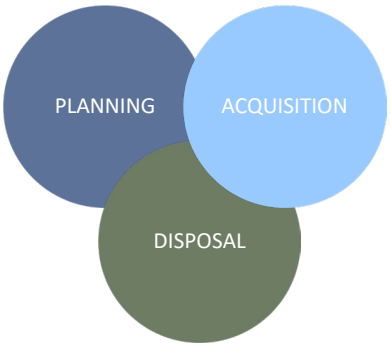
40600

Asset Management Program Support Services

Project Manager: David Bowen, P.E.
Contractor(s): TBD
Location: NBC Service Area and Facilities
Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	November-23	October-25	24 Months	$625
Construction	N/A	N/A	N/A	N/A
Total Project	**November-23**	**October-25**	**24 Months**	**$625**



This project involves planning and design services to advance and support NBC's Asset Management Program. It requires professional engineering consulting services to improve NBC's asset management systems in several areas: strategic planning, optimization of operations and maintenance, performance management, and data management expertise. The project will evaluate the maturity of NBC's aging infrastructure, formulate risk-based asset management strategies, and apply suitable asset management methods and technologies to effectively manage and extend the lifespan of NBC's aging assets. Additionally, the project will aid in prioritizing assets for replacement.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 56	**$ 454**	**$ 116**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 625**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 38	$ 78	$ 23	$ -	$ -	$ -	$ -	$ -	$ 139
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	275	75	-	-	-	-	-	350
Other	18	101	18	-	-	-	-	-	136
Total	**$ 56**	**$ 454**	**$ 116**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 625**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

40700

Enterprise Resource Planning (ERP) System Replacement

Project Manager: Mike Cook
Contractor(s): TBD

Location: NBC COB
Project Priority: D

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	July-24	June-25	12 Months	$52
Construction	July-25	December-26	18 Months	857
Total Project	**July-24**	**December-26**	**30 Months**	**$908**

NBC has been using Oracle EBS as its Enterprise Resource Planning (ERP) system for over two decades. This project will assess the current ERP along with other systems and find a suitable replacement/upgrade that meets NBC's present and future needs.

CIP Window Summary

Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
$ -	$ 52	$ 571	$ 286	$ -	$ -	$ -	$ -	$ 908

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ 11	$ -	$ -	$ -	$ -	$ -	$ -	$ 11
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	41	-	-	-	-	-	-	41
Total	**$ -**	**$ 52**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 52**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ 34	$ 17	$ -	$ -	$ -	$ -	$ 50
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	-	-	467	233	-	-	-	-	700
Contingency	-	-	71	35	-	-	-	-	106
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ 571**	**$ 286**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 857**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30800

CSO Phase III A Facilities - Design and Construction Program Management

Project Manager: Kathryn Kelly, P.E. Location: Pawtucket, RI
Contractor(s): Stantec Consulting Services Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	April-13	June-30	206 Months	$53,916
Construction	August-20	May-28	93 Months	37,949
Total Project	**April-13**	**June-30**	**206 Months**	**$91,865**

Photo: Proposed alignment for the Pawtucket CSO Tunnel

The purpose Phase III A is to design and construct a deep rock tunnel in Pawtucket approximately 11,200 feet in length along the Seekonk and Blackstone Rivers, a pump station to convey flow to the Bucklin Point WWTF in East Providence, drop shafts and consolidation conduits, and improvements to the Bucklin Point WWTF. In addition, GSI facilities will be constructed to reduce stormwater inflow to the combined system by promoting infiltration of stormwater to the groundwater table.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 66,721	**$ 7,861**	**$ 6,960**	**$ 5,803**	**$ 4,025**	**$ 367**	**$ 127**	**$ -**	**$ 91,865**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 6,483	$ 522	$ 350	$ 220	$ 120	$ 120	$ 127	$ -	$ 7,943
Land	10,102	500	100	-	-	-	-	-	10,702
A/E Professional	30,011	1,200	1,200	1,040	450	247	-	-	34,148
Other	710	149	120	113	30	-	-	-	1,123
Total	**$ 47,307**	**$ 2,371**	**$ 1,770**	**$ 1,373**	**$ 600**	**$ 367**	**$ 127**	**$ -**	**$ 53,916**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	19,394	5,250	4,950	4,350	3,425	-	-	-	37,369
Construction	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-
Other	20	240	240	80	-	-	-	-	580
Total	**$ 19,414**	**$ 5,490**	**$ 5,190**	**$ 4,430**	**$ 3,425**	**$ -**	**$ -**	**$ -**	**$ 37,949**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30801

CSO Phase III A Facilities - Pawtucket Tunnel and Pump Station Shaft

Project Manager: Rich Bernier, P.E. Location: Pawtucket
Contractor(s): CBNA Barletta Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	December-20	December-25	61 Months	$485,690
Total Project	**December-20**	**December-25**	**61 Months**	**$485,690**

Photo: Pawtucket Tunnel Site

This project includes the construction of a 11,600 foot deep rock storage tunnel, launch and drop shafts, and adits. After construction of the tunnel, tunnel pump station, and associated near surface facilities, CSO flow which currently discharges to the Seekonk and Blackstone Rivers shall be diverted to the tunnel during storms smaller than or equal to a three-month design storm. The diverted CSO flow will be stored in the tunnel and will be pumped to the plant for full treatment when capacity becomes available.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 439,673	**$ 43,253**	**$ 2,764**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 485,690**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 2,525	$ 702	$ 97	$ -	$ -	$ -	$ -	$ -	$ 3,323
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	437,126	42,450	2,668	-	-	-	-	-	482,244
Contingency	-	-	-	-	-	-	-	-	-
Other	22	101	-	-	-	-	-	-	123
Total	**$ 439,673**	**$ 43,253**	**$ 2,764**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 485,690**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30802
CSO Phase III A Facilities - Tunnel Pump Station Fit-out

Project Manager: Kathryn Kelly, P.E.
Contractor(s): TBD

Location: Pawtucket
Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	February-24	July-27	41 Months	$149,446
Total Project	**February-24**	**July-27**	**41 Months**	**$149,446**

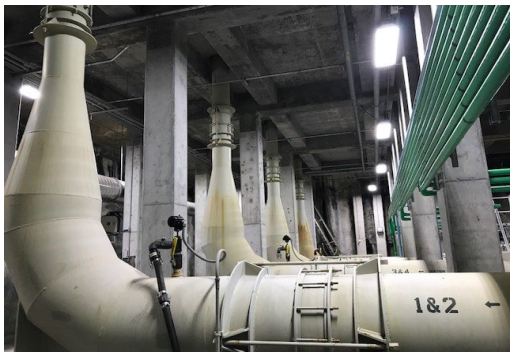


Photo: CSO Tunnel Pump Station

This project includes construction of the CSO Tunnel Pump Station (TPS). The TPS shall be constructed on a site in Pawtucket near the Bucklin Point Wastewater Treatment Facility.

This project also includes the construction of a consolidation conduit to direct flow to the tunnel via Drop Shaft 218 from CSO outfall 218. Wet weather flow will be diverted from OF-218 to new consolidation conduit that will ultimately direct flow to Drop Shaft 218.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 10,465	**$ 63,177**	**$ 61,802**	**$ 13,777**	**$ 225**	**$ -**	**$ -**	**$ -**	**$ 149,446**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 460	$ 685	$ 610	$ 438	$ -	$ -	$ -	$ -	$ 2,193
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	7,800	57,200	55,900	9,100	-	-	-	-	130,000
Contingency	1,580	3,792	3,792	2,841	-	-	-	-	12,005
Other	625	1,500	1,500	1,398	225	-	-	-	5,248
Total	**$ 10,465**	**$ 63,177**	**$ 61,802**	**$ 13,777**	**$ 225**	**$ -**	**$ -**	**$ -**	**$ 149,446**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	273,824	1,642,944	1,642,944	1,642,944
Net Impact on Operating Budget	**$ -**	**$ -**	**$ 273,824**	**$ 1,642,944**	**$ 1,642,944**	**$ 1,642,944**

30803

CSO Phase III A Facilities - OF 205

Project Manager: Kathryn Kelly, P.E. Location: Pawtucket
Contractor(s): TBD Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	March-23	December-25	33 Months	$7,665
Total Project	**March-23**	**December-25**	**33 Months**	**$7,665**

Photo: OF 205 Location

This project involves constructing near-surface facilities to direct flow from the existing CSO OF 205 pipe to a drop shaft for the CSO storage tunnel. Flow will be diverted from the CSO OF 205 pipe via a diversion structure. This flow will pass through a consolidation conduit and gate and screening structure which will screen the flow for large objects. From the gate and screening structure, the flow will pass into the drop shaft and then be directed to the tunnel through an adit. The drop shaft and adit will be constructed as part of another project.

CIP Window Summary

Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
$ 4,016	**$ 3,553**	**$ 96**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,665**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 267	$ 220	$ 5	$ -	$ -	$ -	$ -	$ -	$ 492
A/E Professional	-	0	-	-	-	-	-	-	0
Construction	3,432	2,938	32	-	-	-	-	-	6,402
Contingency	225	275	-	-	-	-	-	-	500
Other	92	120	59	-	-	-	-	-	271
Total	**$ 4,016**	**$ 3,553**	**$ 96**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 7,665**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30804

CSO Phase III A Facilities - OF 210, 213, 214

Project Manager: Kathryn Kelly, P.E. Location: Pawtucket
Contractor(s): TBD Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	January-24	April-28	52 Months	$57,416
Total Project	**January-24**	**April-28**	**52 Months**	**$57,416**

Photo: Outfall Locations

This project includes the construction of consolidation conduits to direct flow to the tunnel via Drop Shaft 213 from CSO OF 210, 211, 213, and 214. Wet weather flow will be diverted from the OF 210, 211, and 213 to a new 48-inch consolidation conduit that will direct flow to Drop Shaft 213. Wet weather flow will be directed from OF 214 through a new 48-inch consolidation conduit to a new 60-inch consolidation conduit.

CIP Window Summary

Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
$ 412	**$ 7,890**	**$ 23,661**	**$ 24,469**	**$ 985**	**$ -**	**$ -**	**$ -**	**$ 57,416**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 120	$ 257	$ 269	$ 269	$ 60	$ -	$ -	$ -	$ 975
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	-	6,250	21,500	22,000	525	-	-	-	50,275
Contingency	-	800	1,600	2,200	400	-	-	-	5,000
Other	292	583	292	-	-	-	-	-	1,167
Total	**$ 412**	**$ 7,890**	**$ 23,661**	**$ 24,469**	**$ 985**	**$ -**	**$ -**	**$ -**	**$ 57,416**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30810

CSO Phase III A Facilities - BPWWTF Clarifiers and Flow Splitters

Project Manager: Kathryn Kelly, P.E.
Contractor(s): TBD
Location: East Providence
Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	July-22	October-26	52 Months	$57,897
Total Project	**July-22**	**October-26**	**52 Months**	**$57,897**

Photo: Construction Underway - Clarifiers at Bucklin Point

This project entails the construction of two new final clarifiers, modifications to the flow splitting operation, construction of a new RAS pump station for the new final clarifiers, improvements to the RAS piping system and influent pump station, and construction of a new ultraviolet disinfection facility.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 24,297	**$ 24,876**	**$ 8,448**	**$ 276**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 57,897**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 530	$ 370	$ 280	$ 28	$ -	$ -	$ -	$ -	$ 1,208
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	21,419	20,966	7,134	249	-	-	-	-	49,768
Contingency	1,447	2,480	1,034	-	-	-	-	-	4,961
Other	900	1,060	-	-	-	-	-	-	1,960
Total	**$ 24,297**	**$ 24,876**	**$ 8,448**	**$ 276**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 57,897**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30830
CSO Phase III B Facilities

Project Manager: Kathryn Kelly, P.E. Location: Central Falls, RI
Contractor(s): N/A Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	January-29	June-31	30 Months	$45,505
Total Project	**January-29**	**June-31**	**30 Months**	**$45,505**

Photo: Proposed CSO Phase III B Facilities

CSO Phase III B Facilities include construction of the upper Blackstone Valley Interceptor (BVI) gate and screening structure, interceptor relief, and consolidation conduit. These interceptors will convey flow to the tunnel to be built as part of the CSO Phase III A Facilities. Design of this phase was completed as part of the CSO Phase III A Facilities project. In addition, GSI facilities will be constructed to reduce storm inflow to the combined sewer system, and one sewer separation project will be included as part of Phase III B.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ -	**$ -**	**$ -**	**$ -**	**$ -**	**$ 6,424**	**$ 21,694**	**$ 17,387**	**$ 45,505**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ 142	$ 566	$ 454	$ 1,162
A/E Professional	-	-	-	-	-	566	2,264	1,815	4,645
Construction	-	-	-	-	-	4,716	18,864	15,118	38,698
Contingency	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	1,000	-	-	1,000
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 6,424**	**$ 21,694**	**$ 17,387**	**$ 45,505**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30850
CSO Phase III C Facilities

Project Manager: Kathryn Kelly, P.E. Location: Pawtucket, RI
Contractor(s): N/A Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	May-32	June-34	26 Months	$37,764
Construction	April-34	June-37	39 Months	252,629
Total Project	**May-32**	**June-37**	**62 Months**	**$290,393**

Photo: Proposed CSO Phase III C Facilities

CSO Phase III C Facilities involves the design and construction of a stub tunnel to convey flow from CSO OF 220 to the tunnel to be constructed as part of the CSO Phase III A Facilities. In addition, GSI facilities will be constructed to reduce storm water inflow to the combined sewers.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 290,393	$ 290,393

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,581	$ 1,581
Land	-	-	-	-	-	-	-	4,083	4,083
A/E Professional	-	-	-	-	-	-	-	30,904	30,904
Other	-	-	-	-	-	-	-	1,196	1,196
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 37,764**	**$ 37,764**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,855	$ 3,855
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	241,027	241,027
Contingency	-	-	-	-	-	-	-	5,997	5,997
Other	-	-	-	-	-	-	-	1,749	1,749
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 252,629**	**$ 252,629**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30870

CSO Phase III D Facilities

Project Manager: Kathryn Kelly, P.E. Location: Providence, RI
Contractor(s): N/A Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	April-37	September-39	29 Months	$23,524
Construction	August-39	December-41	28 Months	137,149
Total Project	**April-37**	**December-41**	**57 Months**	**$160,674**

Photo: Proposed CSO Phase III D Facilities

The CSO Phase III D Facilities include the design and construction of an interceptor to store stormwater flow and later release the flow into the system as capacity allows. In addition, GSI facilities will be constructed to reduce storm water inflow to the combined sewer system. Storm sewers will be constructed to separate stormwater flow from the combined sewer.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ -	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 160,674**	**$ 160,674**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,981	$ 1,981
Land	-	-	-	-	-	-	-	1,785	1,785
A/E Professional	-	-	-	-	-	-	-	19,455	19,455
Other	-	-	-	-	-	-	-	303	303
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 23,524**	**$ 23,524**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,970	$ 1,970
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	132,156	132,156
Contingency	-	-	-	-	-	-	-	2,574	2,574
Other	-	-	-	-	-	-	-	449	449
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 137,149**	**$ 137,149**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

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12400
Interceptor Maintenance Building

Project Manager: David Bowen, P.E.
Contractor(s): N/A
Location: Field's Point (Providence, RI)
Project Priority: C

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	October-29	May-32	36 Months	$1,651
Construction	July-31	August-34	37 Months	16,389
Total Project	**October-29**	**August-34**	**58 Months**	**$18,038**

Photo: Interceptor Maintenance Building

This project involves the design and construction of a new building that would be needed if NBC is required by legislation to assume ownership of lateral sewers currently owned by local communities within its district. The building will include an administrative area as well as a garage and storage yard.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ -	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 492**	**$ 17,548**	**$ 18,039**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ 200	$ 245	$ 445
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	205	710	915
Other	-	-	-	-	-	-	87	204	291
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 492**	**$ 1,159**	**$ 1,651**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 519	$ 519
A/E Professional	-	-	-	-	-	-	-	736	736
Construction	-	-	-	-	-	-	-	11,800	11,800
Contingency	-	-	-	-	-	-	-	3,134	3,134
Other	-	-	-	-	-	-	-	200	200
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 16,389**	**$ 16,389**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30500

NBC Interceptor Easements Restoration, Various Locations

Project Manager: David Bowen, P.E.
Contractor(s): N/A
Location: NBC Service Area
Project Priority: B

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	April-25	July-26	16 Months	$556
Construction	September-26	March-28	19 Months	1,023
Total Project	**April-25**	**March-28**	**36 Months**	**$1,578**

Photo: Easement Clearing

This project involves verification of easement locations and clearing the easements in overland areas to ensure sufficient access and enable NBC to maintain the integrity of the collection system.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ -	**$ 36**	**$ 508**	**$ 515**	**$ 519**	**$ -**	**$ -**	**$ -**	**$ 1,578**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ 10	$ 85	$ -	$ -	$ -	$ -	$ -	$ 95
Land	-	-	50	-	-	-	-	-	50
A/E Professional	-	10	285	5	-	-	-	-	300
Other	-	17	88	7	-	-	-	-	111
Total	**$ -**	**$ 36**	**$ 508**	**$ 12**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 556**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ 32	$ 48	$ -	$ -	$ -	$ 80
A/E Professional	-	-	-	16	37	-	-	-	53
Construction	-	-	-	350	300	-	-	-	650
Contingency	-	-	-	85	110	-	-	-	195
Other	-	-	-	20	25	-	-	-	45
Total	**$ -**	**$ -**	**$ -**	**$ 503**	**$ 519**	**$ -**	**$ -**	**$ -**	**$ 1,023**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30610

NBC System-wide Regulator Modifications

Project Manager: David Bowen, P.E. Location: Fields Point WWTF
Contractor(s): TBD Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	February-22	November-24	33 Months	$898
Construction	October-24	October-25	12 Months	1,665
Total Project	**February-22**	**October-25**	**44 Months**	**$2,564**

Photo: OF 056 Regulator on Vandewater Street

This project involves the design and construction of various regulator structure modifications to address known hydraulic capacity limitations within the NBC collection system. Regulator structure and gravity piping system modifications are needed to eliminate surcharging at Pitman Street, Silver Spring, Dorrance Street and other miscellaneous locations throughout the century old combined sewer system.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 753	**$ 1,412**	**$ 399**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,564**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 171	$ 24	$ -	$ -	$ -	$ -	$ -	$ -	$ 194
Land	-	-	-	-	-	-	-	-	-
A/E Professional	446	91	-	-	-	-	-	-	537
Other	137	31	-	-	-	-	-	-	168
Total	**$ 753**	**$ 145**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 898**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ 212	$ 57	$ -	$ -	$ -	$ -	$ -	$ 268
A/E Professional	-	71	19	-	-	-	-	-	89
Construction	-	698	233	-	-	-	-	-	930
Contingency	-	244	81	-	-	-	-	-	326
Other	-	42	10	-	-	-	-	-	52
Total	**$ -**	**$ 1,266**	**$ 399**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,665**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

70900

Omega Pump Station Improvements

Project Manager: David Bowen, P.E.
Location: Omega Pump Station, East Providence, RI
Contractor(s): TBD
Project Priority: B

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	November-18	December-25	85 Months	$929
Construction	October-25	June-28	33 Months	8,037
Total Project	**November-18**	**June-28**	**115 Months**	**$8,966**

Photo: Omega Pump Station

This project involves the evaluation, design and replacement of pumps, piping and valves at the Omega Pump Station, which was originally constructed in the 1950's. New screening and grit technology will shred and reduce the size of coarse solid materials of the wastewater and facilitate transport to the wastewater treatment facility. Additionally, new technology will provide for the upgrade of the pump station to improve reliability of the motor control center and streamline operations.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 20	**$ 679**	**$ 1,240**	**$ 3,152**	**$ 3,875**	**$ -**	**$ -**	**$ -**	**$ 8,966**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 20	$ 89	$ 33	$ -	$ -	$ -	$ -	$ -	$ 141
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	440	165	-	-	-	-	-	605
Other	-	151	32	-	-	-	-	-	183
Total	**$ 20**	**$ 679**	**$ 229**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 929**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ 71	$ 150	$ 167	$ -	$ -	$ -	$ 387
A/E Professional	-	-	84	171	104	-	-	-	358
Construction	-	-	375	2,175	2,963	-	-	-	5,513
Contingency	-	-	466	622	622	-	-	-	1,709
Other	-	-	15	35	20	-	-	-	70
Total	**$ -**	**$ -**	**$ 1,010**	**$ 3,152**	**$ 3,875**	**$ -**	**$ -**	**$ -**	**$ 8,037**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

72000

Reservoir Avenue Pump Station Improvements

Project Manager: David Bowen, P.E.
Location: Reservoir Avenue Pump Station, Providence
Contractor(s): TBD
Project Priority: B

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	December-23	March-25	15 Months	$906
Construction	March-25	November-27	33 Months	7,832
Total Project	**December-23**	**November-27**	**48 Months**	**$8,738**

Photo: Reservoir Avenue Pump Station

This project involves the evaluation, design and upgrade of NBC's Reservoir Avenue Pump Station located at 360 Reservoir Avenue Providence Rhode Island. The Reservoir Avenue Pump Station conveys sewage to a gravity conduit in Rutherglen Avenue then to the Field's Point Wastewater Treatment Facility. The pump station was built in 1931, with the most recent comprehensive upgrade to the facility in the early 1990s. Facility upgrades are needed to ensure continued reliability of this aging infrastructure. The facility was listed on the National Register of Historic Places.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 28	FY 30	Post FY 30	Total
	$ 233	**$ 714**	**$ 1,051**	**$ 6,266**	**$ 475**	**$ -**	**$ -**	**$ -**	**$ 8,738**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 28	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 28	FY 30	Post FY 30	Total
Administrative	$ 48	$ 73	$ -	$ -	$ -	$ -	$ -	$ -	$ 120
Land	-	-	-	-	-	-	-	-	-
A/E Professional	135	495	-	-	-	-	-	-	630
Other	50	106	-	-	-	-	-	-	156
Total	**$ 233**	**$ 674**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 906**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 28	FY 30	Post FY 30	Total
Administrative	$ -	$ 23	$ 123	$ 180	$ 62	$ -	$ -	$ -	$ 387
A/E Professional	-	18	104	129	39	-	-	-	288
Construction	-	-	800	4,075	375	-	-	-	5,250
Contingency	-	-	-	1,838	-	-	-	-	1,838
Other	-	-	25	45	-	-	-	-	70
Total	**$ -**	**$ 40**	**$ 1,051**	**$ 6,266**	**$ 475**	**$ -**	**$ -**	**$ -**	**$ 7,832**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 28	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

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304 M Summary

Interceptor Inspection and Cleaning

Project Manager: Anthony Dilorio
Contractor(s): Various

Location: NBC Service Area
Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	N/A	N/A	N/A	$3,812
Total Project	**Ongoing**	**Ongoing**	**Ongoing**	**$3,812**

Photo: Interceptor Grit Removal

The 304 M project includes the inspection and cleaning of interceptors to maintain NBC's infrastructure and collection system. The inspections determine pipe condition and identify infrastructure issues. NBC allocates $500 thousand annually for inspections and cleaning in years that do not have specific projects identified to ensure resources are available. As new inspection and cleaning projects are identified, they are given a unique project number.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ -	**$ 812**	**$ 500**	**$ 500**	**$ 500**	**$ 500**	**$ 500**	**$ 500**	**$ 3,812**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ 70	$ 69	$ 69	$ 69	$ 69	$ 69	$ 69	$ 486
A/E Professional	-	-	-	-	-	-	-	-	-
Construction	-	702	399	399	399	399	399	399	3,095
Contingency	-	-	-	-	-	-	-	-	-
Other	-	40	32	32	32	32	32	32	232
Total	**$ -**	**$ 812**	**$ 500**	**$ 500**	**$ 500**	**$ 500**	**$ 500**	**$ 500**	**$ 3,812**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30400
Interceptor Restoration and Construction

Project Manager: Rich Bernier, P.E.
Contractor(s): Various

Location: NBC Service Area
Project Priority: B

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	N/A	N/A	N/A	$5,287
Total Project	**Ongoing**	**Ongoing**	**Ongoing**	**$5,287**

Photo: Proposed portion of Lincoln Interceptor Replacement

Project 30400C consists of funding programmed for potential interceptor restoration and construction to address issues such as structural damage, aging or inaccessible infrastructure, odor control, and emergency situations. NBC allocates $1.5 million annually for interceptor restoration and construction, in years that do not have specific projects identified to ensure resources are available. As new projects are identified, they are given a unique project number.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ -	**$ 1,045**	**$ 697**	**$ -**	**$ 545**	**$ 1,500**	**$ -**	**$ 1,500**	**$ 5,287**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ 205	$ 39	$ -	$ 12	$ 222	$ -	$ 222	$ 700
A/E Professional	-	448	312	-	64	24	-	24	872
Construction	-	558	130	-	468	1,014	-	1,014	3,185
Contingency	-	(205)	215	-	-	235	-	235	481
Other	-	39	-	-	-	5	-	5	48
Total	**$ -**	**$ 1,045**	**$ 697**	**$ -**	**$ 545**	**$ 1,500**	**$ -**	**$ 1,500**	**$ 5,287**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30315
Woonasquatucket CSO OF 046 Improvements

Project Manager: Kathryn Kelly, P.E.
Contractor(s): TBD
Location: Providence
Project Priority: B

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	N/A	N/A	N/A	$3,981
Total Project	**Ongoing**	**Ongoing**	**Ongoing**	**$3,981**

Photo: Site of Woonasquatucket CSO Interceptor

This project includes construction of facilities to eliminate surcharging from the Woonasquatucket CSO Interceptor during extreme wet weather events.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 107	**$ 36**	**$ 651**	**$ 2,233**	**$ 955**	**$ -**	**$ -**	**$ -**	**$ 3,981**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 23	$ 6	$ 43	$ 56	$ 22	$ -	$ -	$ -	$ 150
A/E Professional	75	30	360	342	113	-	-	-	921
Construction	15	-	-	1,640	820	-	-	-	2,475
Contingency	-	-	248	124	-	-	-	-	372
Other	(6)	-	-	70	-	-	-	-	64
Total	**$ 107**	**$ 36**	**$ 651**	**$ 2,233**	**$ 955**	**$ -**	**$ -**	**$ -**	**$ 3,981**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30421

Louisquisset Pike Interceptor Improvements

Project Manager: David Bowen, P.E. Location: Lincoln, RI
Contractor(s): N/A Project Priority: C

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	July-29	October-30	16 Months	$6,261
Total Project	**July-29**	**October-30**	**16 Months**	**$6,261**

Photo: Louisquisset Pike in Lincoln

This project involves the construction of a larger diameter interceptor in the northern section of the town of Lincoln. The larger capacity pipe will accommodate the additional flow resulting from expected development.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ -	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,868**	**$ 3,393**	**$ 6,261**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ 100	$ 41	$ 141
A/E Professional	-	-	-	-	-	-	268	52	320
Construction	-	-	-	-	-	-	1,700	2,300	4,000
Contingency	-	-	-	-	-	-	800	400	1,200
Other	-	-	-	-	-	-	-	600	600
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,868**	**$ 3,393**	**$ 6,261**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense			-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

30468

Improvements to Interceptors FY 2022

Project Manager: Rich Bernier, P.E.
Contractor(s): N/A

Location: North Providence/Johnston
Project Priority: A

Total Project Duration/Cost

Project Phase	Start Date	Completion Date	Project Duration	Cost (in Thousands)
Planning	N/A	N/A	N/A	N/A
Design	N/A	N/A	N/A	N/A
Construction	June-22	July-25	37 Months	$2,003
Total Project	**June-22**	**July-25**	**37 Months**	**$2,003**

Photo: Construction on the Moshassuck Valley Interceptor

This project includes the rehabilitation and improvement of various sewer pipes and manholes in the city of Providence, and the towns of North Providence and Johnston.

CIP Window Summary	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
	$ 1,432	**$ 419**	**$ 152**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,003**

Projected Expenditures - Planning

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Design

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Land	-	-	-	-	-	-	-	-	-
A/E Professional	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Projected Expenditures - Construction

Cost Category	Pre FY 25	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Post FY 30	Total
Administrative	$ 329	$ 19	$ 2	$ -	$ -	$ -	$ -	$ -	$ 350
A/E Professional	-	100	-	-	-	-	-	-	100
Construction	1,092	-	150	-	-	-	-	-	1,242
Contingency	-	300	-	-	-	-	-	-	300
Other	11	-	-	-	-	-	-	-	11
Total	**$ 1,432**	**$ 419**	**$ 152**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,003**

Note: Cash Flow Basis in Thousands

Operating Budget Impacts

	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Revenue	$ -	$ -	$ -	$ -	$ -	$ -
Reduced Expense	-	-	-	-	-	-
Increased Expense	-	-	-	-	-	-
Net Impact on Operating Budget	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

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