

# Narragansett Bay Commission

OPERATING CAPITAL PROGRAM



FY 2021-2026

Vincent J. Mesolessa  
Chairman



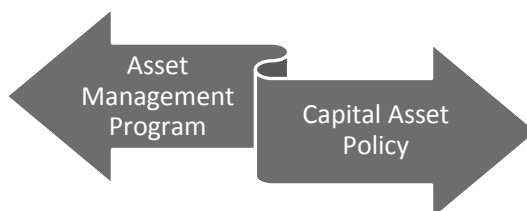
Laurie Horridge  
Executive Director



# 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, blowers, actuators, and bar racks.

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 60 assets programmed for acquisition in FY 2021 at a total cost of approximately \$3.9 million. NBC has also programmed asset purchases in FY 2022 through FY 2026 of approximately \$11.8 million for a total of \$15.7 million over the six-year period reflected in the Program. As is shown in the following table, the majority of the asset purchases, \$9.7 million or 62%, are for items required to support the wastewater treatment and collection functions in the Operations and Maintenance Division.

### FY 2021 – 2026 Operating Capital Program

Division	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total FY 2022-2026
Administration	\$ 1,065,000	\$ 435,000	\$ 225,000	\$ 430,000	\$ 260,000	\$ 365,000	\$ 1,715,000
Construction & Engineering	110,000	77,000	20,000	35,000	32,000	32,000	196,000
Finance	190,000	10,000	85,000	45,000	45,000	45,000	230,000
Operations & Maintenance	2,132,000	1,405,000	1,295,000	1,534,000	1,504,000	1,815,000	7,553,000
Environmental Science & Compliance	366,000	518,000	516,000	328,000	406,000	332,000	2,100,000
	<b>\$ 3,863,000</b>	<b>\$ 2,445,000</b>	<b>\$ 2,141,000</b>	<b>\$ 2,372,000</b>	<b>\$ 2,247,000</b>	<b>\$ 2,589,000</b>	<b>\$ 11,794,000</b>

## 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. In order 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 an asset’s location, cost and useful life. 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 in advance to address specific needs such as refreshing employee workstations and laptops, enhancing the security of NBC’s technical infrastructure, or implementing additional functionality to current business systems. 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.

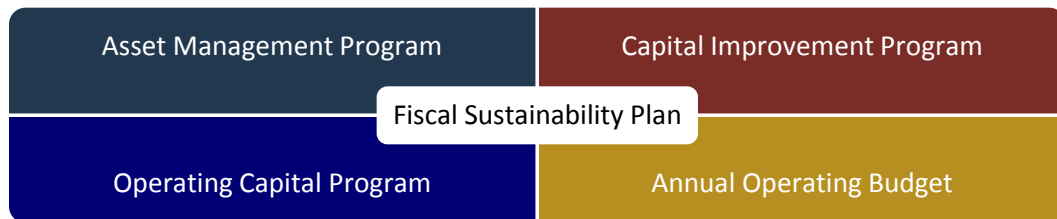
With respect to the upcoming budget year, as part of the annual budget process, each section submits detailed operating capital requests with supporting documentation for each asset. Each request is unique and includes the asset title, description, estimated cost, location, useful life, purchase justification 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. The information is compiled and included for funding in the OCP for the budget year. 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 was authorized.

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 section submits a six-year operating capital needs 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

In order 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 2021 Operating Capital Program 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 Accounting Manager must ensure that asset criteria is met and approve the capitalization of assets.

## Operating Capital Program Calendar

Development of the Operating Capital Program is as follows:

### NOVEMBER 2019

- Budget Forms Available
- FY 2021 – 2026 Operating Capital Submittals due to Finance

### DECEMBER 2019

- Review submittals with respect to Asset Criteria and GL account code

### JANUARY 2020

- Complete Operating Capital Schedules
- Draft Operating Capital Program Narrative

### FEBRUARY 2020

- Finalize Operating Capital Program Document
- Finance Committee and Board Review and Approval of OCP on February 25, 2020

## Operating Capital Program Amendment Procedures

During the fiscal year there may be a need to make changes to the operating capital budget to accommodate those instances in which the actual bids received for particular 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 as long as the total expenditures do not exceed the total amount approved for the fiscal year. Procedures for modifications to the operating capital budget during the year are as follows:

### **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.
- The 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.
- The Form is reviewed with 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.
- The 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 with the Chief Financial Officer.
  - Capital Asset Criteria Met – funding is transferred in the operating capital budget and Asset Allocation number assigned.
  - Capital Asset Criteria Not Met – purchase will be expensed in the operating budget.

## Operating Capital Program by Strategic Objective

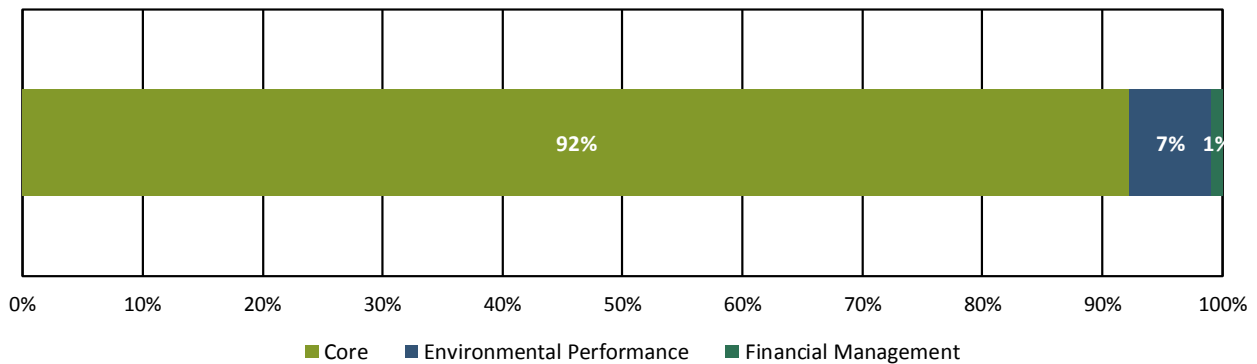
The Strategic Plan guides NBC operations and ensures facilities and infrastructure are maintained. As part of the OCP development, the budgeted capital assets have been categorized by the goal the asset will address. NBC’s Strategic Plan Goals are listed below.

### NBC’S Strategic Goals

<b>CORE BUSINESS:</b>	Operate, maintain and protect our collection and treatment systems to ensure that all State and Federal requirements are met or surpassed.
<b>ENVIRONMENTAL PERFORMANCE:</b>	Continuously evaluate NBC’s environmental performance to identify, quantify and minimize NBC impacts to the environment in a cost effective manner.
<b>FINANCIAL MANAGEMENT:</b>	Manage NBC’s finances through strong financial planning and controls such that sewer users charges are minimized.

Of the 60 budgeted capital assets in FY 2021, \$3.5 million or 92% are related to NBC’s Core Business goal for infrastructure, applications and compliance. In addition, 7% relate to NBC’s Environmental Performance goal and represents sampling and laboratory analysis assets. The remaining assets are aligned with the Financial Management goal. The following chart illustrates the percentage of budgeted assets by strategic goal.

Percentage of Capital Assets by Strategic Goal

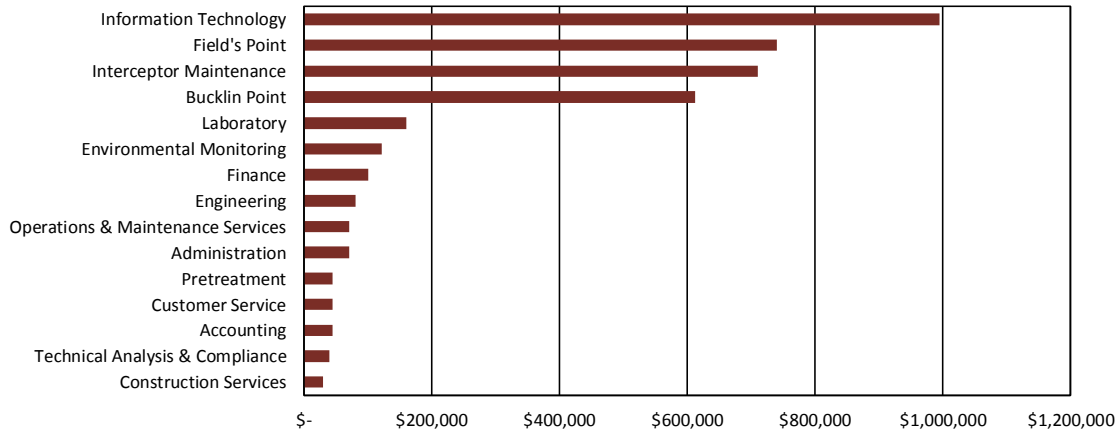


## Operating Capital Program by Cost Center

The largest percentage of the FY 2021 operating capital program is to support the wastewater treatment facilities (WWTF) which represent a combined 35.0% of the programmed operating capital with \$740 thousand at Field’s Point and \$612 thousand at Bucklin Point. NBC has prioritized the replacement of numerous pumps, vehicles, tanks, bar racks, and other equipment required to operate the facilities and maintain infrastructure. The Information Technology (IT) section’s operating capital budget of \$995 thousand, or 25.8% of the total, includes \$670 thousand for the replacement of the backup solution used to maintain NBC’s data and limit exposure to malware and viruses. This total also includes the annual PC refresh program along with hardware and software investments. The Interceptor Maintenance (IM)

section's operating capital budget comprises 18.4% of the total or \$710 thousand. IM plans to replace three vehicles, including two 20-year old sewer cleaning vehicles. The first is a combination sewer cleaning vehicle at \$485 thousand which is used to clean sewer pipes, manholes, tanks and chambers. The second is a sewer cleaning vehicle at \$185 thousand which is used to clean catch basins, sumps as well as netting facilities. The FY 2021 operating capital by cost center is reflected in the following chart.

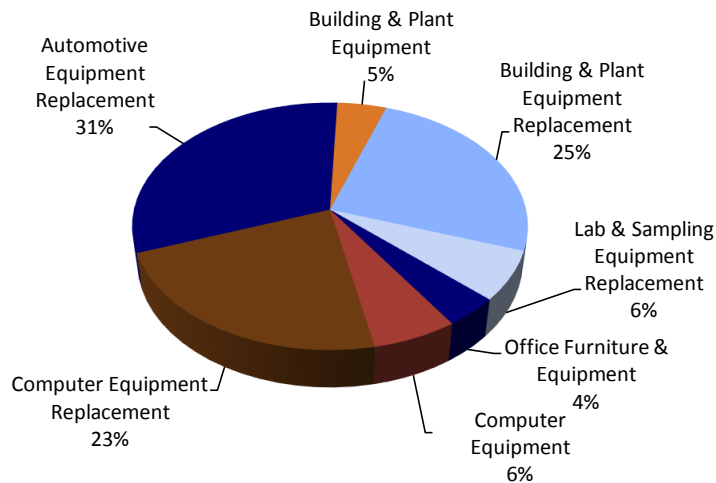
**FY 2021 Operating Capital by Cost Center**



**Fiscal Year 2021 Operating Capital Program by Type**

The FY 2021 OCP identifies asset purchases totaling approximately \$3.9 million. The largest asset category is for Automotive Equipment Replacement at \$1.2 million or 31%. This is followed by Building & Plant Equipment Replacement representing \$957 thousand or 25% of the total. Computer Equipment & Computer Equipment Replacement represent 6% and 23% at a combined total of \$1.1 million. Lab & Sampling Equipment Replacement and Building & Plant Equipment comprise 6% and 5% respectively. Office Furniture & Equipment Replacement comprise the remaining 4% of the FY 2021 asset acquisitions.

**FY 2021 Operating Capital by Type**





NBC's strategic goal of maximizing technology and maintaining capability is demonstrated through computer equipment purchases that are programmed in FY 2021. The majority, or 97%, is related to replacement of an aging and capacity constrained backup solution, hardware upgrades and software enhancements to existing business systems. In addition, NBC has programmed the acquisition of a new Comprehensive Annual Financial Reporting (CAFR) Software solution.

<b>Computer Equipment</b>	<b>Total</b>	<b>% of Total</b>
Backup Solution	\$ 670,000	
Annual PC Refresh Program	75,000	
Edge Switch Upgrades	50,000	
Programmable Logic Controller	50,000	
Customer Service System Enhancements	50,000	
LIMs Enhancements	50,000	
Software Licensing Updates	40,000	
Conference Room Upgrades	25,000	
Computer Room Upgrades	25,000	
WWTFs Computer System Upgrades	20,000	
Antivirus Upgrades	10,000	
Enhancements/Upgrades	<u>1,065,000</u>	<u>97%</u>
CAFR Software	35,000	
New Software	<u>35,000</u>	<u>3%</u>
<b>Total</b>	<b><u>\$ 1,100,000</u></b>	<b><u>100%</u></b>

The following table illustrates NBC's FY 2021 programmed replacement investments which ensure the protection of assets and continuous operation of the facilities. The majority of the Replacement Reserve items are vehicles at 37%, computer hardware & software at 27% and laboratory & sampling equipment at 8%. Other significant investments include items needed to operate the treatment plants and other assets.

<b>Replacement Assets</b>	<b>Total</b>	<b>% of Total</b>
Vehicles	\$ 1,194,000	37%
Computer Hardware & Software	865,000	27%
Laboratory & Sampling Equipment	247,000	8%
Bar Rack Rebuilds	235,000	7%
Pumps	170,000	5%
Hypochlorite Tanks	125,000	4%
Grit Tank Components	100,000	3%
Cameras at Field's Point	70,000	2%
Other	257,000	8%
<b>Total</b>	<b><u>\$ 3,263,000</u></b>	<b><u>100%</u></b>

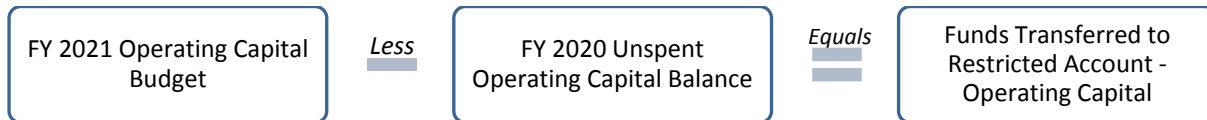
Lastly, NBC plans on purchasing new assets in the Building & Plant Equipment category that will support operations and ensure core business goals are met. Installation of new camera equipment at the Bucklin Point WWTF to monitor the bar rack, grit and sludge belt thickening areas total \$60,000 and represents 34% of the total for this category. The purchase of heaters for the high voltage transformers located at

the Ernest Street Pump Station and new mowers for the Bucklin Point WWTF total \$75,000 and represents 23% and 20% respectively of the total for this category.

Building & Plant Equipment	Total	% of Total
Cameras	\$ 60,000	34%
High Voltage Transformer Heaters	40,000	23%
Mowers	35,000	20%
Other	40,000	23%
<b>Total</b>	<b>\$ 175,000</b>	<b>100%</b>

### Operating Capital Program Funding

Operating Capital is funded from the Restricted Account – Operating Capital in the Project Fund. In accordance with the Trust Indenture, subsequent to fiscal year end, a calculation is made to determine the amount that can 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 Operating Capital and Capital Improvement Program 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 2021, NBC plans to fund the OCP with \$3.9 million from the Restricted Account – Operating Capital in the Project Fund. NBC has also programmed funding of \$5.0 million per year for FY 2022 through FY 2026 for the OCP from this same source.

### OCP - SOURCES

Sources of Funds (Thousands)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total FY 2022-2026
Restricted Account-Operating Capital	\$ 3,863	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 25,000
<b>Total</b>	<b>\$ 3,863</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 25,000</b>

The FY 2021 programmed asset purchases total approximately \$3.9 million. In FY 2022 through FY 2026, NBC has programmed the acquisition of the assets identified in the OCP as well as an additional placeholder amount. This ensures that total programmed uses are \$5.0 million per year in the five year window.

### OCP - USES

Uses of Funds (Thousands)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total FY 2022-2026
Operating Capital Program	\$ 3,863	\$ 2,445	\$ 2,141	\$ 2,372	\$ 2,247	\$ 2,589	\$ 11,794
Operating Capital Placeholder	-	2,555	2,859	2,628	2,753	2,411	13,206
<b>Total</b>	<b>\$ 3,863</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 25,000</b>

## Operating Capital Summary by Fiscal Year

Asset Type	Asset Title	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost
<b>ADMINISTRATION</b>								
<b>Administration</b>								
New	Vehicle	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	40,000
New	Office Furniture & Reconfiguration	30,000	20,000	-	-	-	-	50,000
	<i>Subtotal Administration</i>	<u>70,000</u>	<u>20,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>90,000</u>
<b>Information Technology</b>								
Replacement	Backup Solution	670,000	-	-	-	-	-	670,000
Replacement	Annual PC Refresh Program	75,000	75,000	75,000	75,000	75,000	75,000	450,000
Replacement	Edge Switch Upgrades	50,000	50,000	-	50,000	-	50,000	200,000
New	Customer Service System	50,000	50,000	-	50,000	-	-	150,000
New	LIMS Enhancement	50,000	-	50,000	-	50,000	-	150,000
New	Software Licensing Updates	40,000	40,000	40,000	40,000	40,000	40,000	240,000
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	Antivirus Upgrades	10,000	10,000	10,000	10,000	10,000	10,000	60,000
New	Bi-annual Security Assessment	-	75,000	-	75,000	-	75,000	225,000
New	Oracle ERP/Database Enhancements	-	40,000	-	40,000	-	40,000	120,000
New	Hansen Upgrades	-	25,000	-	25,000	-	25,000	75,000
Replacement	Copy Machine	-	-	-	15,000	-	-	15,000
Replacement	Large Form Scanner/Printer	-	-	-	-	35,000	-	35,000
	<i>Subtotal Information Technology</i>	<u>995,000</u>	<u>415,000</u>	<u>225,000</u>	<u>430,000</u>	<u>260,000</u>	<u>365,000</u>	<u>2,690,000</u>
<b>CONSTRUCTION &amp; ENGINEERING</b>								
<b>Construction Services</b>								
Replacement	Vehicle 433	30,000	-	-	-	-	-	30,000
Replacement	Vehicle 357	-	32,000	-	-	-	-	32,000
Replacement	Vehicle 343	-	-	-	-	32,000	-	32,000
Replacement	Vehicle 337	-	-	-	-	-	32,000	32,000
	<i>Subtotal Construction Services</i>	<u>30,000</u>	<u>32,000</u>	<u>-</u>	<u>-</u>	<u>32,000</u>	<u>32,000</u>	<u>126,000</u>
<b>Engineering</b>								
Replacement	HVAC	50,000	-	-	-	-	-	50,000
Replacement	Flow Meters	30,000	-	-	-	-	-	30,000
Replacement	GPS Rover	-	25,000	-	-	-	-	25,000
Replacement	Survey Equipment	-	20,000	-	35,000	-	-	55,000
Replacement	Gas Water Heater	-	-	20,000	-	-	-	20,000
	<i>Subtotal Engineering</i>	<u>80,000</u>	<u>45,000</u>	<u>20,000</u>	<u>35,000</u>	<u>-</u>	<u>-</u>	<u>180,000</u>
<b>FINANCE</b>								
<b>Finance</b>								
New	Office Furniture & Equipment	100,000	-	-	-	-	-	100,000
Replacement	Copy Machine	-	-	40,000	-	-	-	40,000
	<i>Subtotal Finance</i>	<u>100,000</u>	<u>-</u>	<u>40,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>140,000</u>
<b>Accounting</b>								
New	CAFR Software	35,000	-	-	-	-	-	35,000
New	Office Furniture & Equipment	10,000	-	-	-	-	-	10,000
	<i>Subtotal Accounting</i>	<u>45,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>45,000</u>
<b>Customer Service</b>								
Replacement	Vehicle 372	35,000	-	-	-	-	-	35,000
New	Office Furniture & Equipment	10,000	10,000	10,000	10,000	10,000	10,000	60,000
Replacement	Vehicle 339	-	-	35,000	-	-	-	35,000
Replacement	Vehicle 335	-	-	-	35,000	-	-	35,000
Replacement	Vehicle 316	-	-	-	-	35,000	-	35,000
Replacement	Vehicle 377	-	-	-	-	-	35,000	35,000
	<i>Subtotal Customer Service</i>	<u>45,000</u>	<u>10,000</u>	<u>45,000</u>	<u>45,000</u>	<u>45,000</u>	<u>45,000</u>	<u>235,000</u>
<b>OPERATIONS &amp; MAINTENANCE</b>								
<b>Interceptor Maintenance</b>								
Replacement	Vehicle 420	475,000	-	-	-	-	-	475,000
Replacement	Vehicle 415	185,000	-	-	-	-	-	185,000
Replacement	Vehicle 347	50,000	-	-	-	-	-	50,000
Replacement	Vehicle 348	-	38,000	-	-	-	-	38,000
Replacement	HVAC System	-	35,000	-	-	-	-	35,000
Replacement	Vehicle 355	-	35,000	-	-	-	-	35,000
Replacement	Vehicle 367	-	30,000	-	-	-	-	30,000
Replacement	Equipment 851A	-	10,000	-	-	-	-	10,000
Replacement	Vehicle 376	-	-	140,000	-	-	-	140,000
Replacement	Vehicle 459	-	-	16,000	-	-	-	16,000
Replacement	Vehicle 363	-	-	-	225,000	-	-	225,000

## Operating Capital Summary by Fiscal Year

Asset Type	Asset Title	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost
Replacement	Vehicle 334	-	-	-	32,000	-	-	32,000
Replacement	Vehicle 341	-	-	-	32,000	-	-	32,000
Replacement	Copy machine	-	-	-	12,000	-	-	12,000
Replacement	Vehicle 346	-	-	-	7,000	-	-	7,000
Replacement	Vehicle 472	-	-	-	-	150,000	-	150,000
Replacement	Vehicle 373	-	-	-	-	30,000	-	30,000
Replacement	Roof	-	-	-	-	30,000	-	30,000
Replacement	Fence Gate Controller	-	-	-	-	12,000	-	12,000
Replacement	Equipment 829A	-	-	-	-	10,000	-	10,000
Replacement	Equipment 656A	-	-	-	-	8,000	-	8,000
Replacement	Vehicle 329	-	-	-	-	-	500,000	500,000
<i>Subtotal Interceptor Maintenance</i>		<b>710,000</b>	<b>148,000</b>	<b>156,000</b>	<b>308,000</b>	<b>240,000</b>	<b>500,000</b>	<b>2,062,000</b>
<b>Operations &amp; Maintenance Services</b>								
Replacement	Programmable Logic Controller	50,000	-	-	-	-	-	50,000
Replacement	Computer System Upgrades	20,000	-	-	-	-	-	20,000
<i>Subtotal Operations &amp; Maintenance Services</i>		<b>70,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>70,000</b>
<b>Field's Point</b>								
Rehabilitation	Bar Rack	150,000	150,000	150,000	152,000	152,000	152,000	906,000
Replacement	Vehicle 485	130,000	-	-	-	-	-	130,000
Rehabilitation	Grit Tank	100,000	105,000	105,000	110,000	110,000	115,000	645,000
Rehabilitation	Hypochlorite Tanks	85,000	-	-	-	-	-	85,000
Replacement	Cameras	70,000	-	-	-	-	-	70,000
Replacement	Screw Pump Gear Box	65,000	-	-	-	-	-	65,000
Replacement	Tunnel Pump Motor	45,000	-	50,000	-	-	-	95,000
New	Heaters	40,000	-	-	-	-	-	40,000
Replacement	Fiberglass Double Door	20,000	-	-	-	-	-	20,000
Replacement	Isolation Valves	15,000	15,000	15,000	-	-	-	45,000
Replacement	Flow Meter	10,000	-	-	6,000	18,000	40,000	74,000
Rehabilitation	Vehicle 465	10,000	-	-	-	-	-	10,000
Replacement	Hydro flow Screen	-	200,000	-	-	-	-	200,000
Replacement	Vehicle 406	-	40,000	-	-	-	-	40,000
Replacement	Sodium Bisulfite Tank	-	35,000	-	35,000	-	-	70,000
Replacement	Vehicle 375	-	35,000	-	-	-	-	35,000
Replacement	Vehicle 379	-	35,000	-	-	-	-	35,000
Replacement	Grit Pump and Motor	-	30,000	-	35,000	-	-	65,000
Replacement	Vehicle 495	-	30,000	-	-	-	-	30,000
Replacement	Metering Pump	-	27,000	-	-	-	25,000	52,000
Replacement	Equipment 0024	-	25,000	-	-	-	-	25,000
Replacement	Sludge Pump	-	22,000	44,000	20,000	-	-	86,000
Replacement	Equipment 0040	-	22,000	-	-	-	-	22,000
Replacement	Equipment 0069	-	22,000	-	-	-	-	22,000
Replacement	Equipment 0070	-	22,000	-	-	-	-	22,000
Replacement	Ammonia Probe	-	20,000	-	-	-	-	20,000
Replacement	Nitrate Meter	-	20,000	-	-	-	-	20,000
Replacement	Dewatering Pump and Motor	-	19,000	-	-	-	-	19,000
Replacement	Bridge Crane Drive, Trolley & Drum Hoist	-	18,000	-	-	-	-	18,000
Replacement	Nitrate Probe	-	16,000	-	-	-	-	16,000
Replacement	Dewatering Pump	-	12,000	-	-	-	-	12,000
Replacement	Equipment 0025	-	10,000	-	-	-	-	10,000
Rehabilitation	Sewage Pump	-	-	210,000	250,000	40,000	250,000	750,000
Rehabilitation	Crane	-	-	50,000	-	-	-	50,000
Replacement	Vehicle 446	-	-	45,000	-	-	-	45,000
Replacement	Gear Box Small Screw	-	-	40,000	-	-	-	40,000
Replacement	Return Sludge Pumps	-	-	40,000	-	-	-	40,000
Replacement	Vehicle 366	-	-	35,000	-	-	-	35,000
Replacement	Copy Machine	-	-	17,000	-	12,000	-	29,000
Replacement	Tank Level Indicators	-	-	7,000	-	-	-	7,000
Replacement	Vehicle 389	-	-	-	35,000	-	-	35,000
Replacement	Odor Control Unit	-	-	-	30,000	-	-	30,000
Replacement	Sluice Gate Hydraulic System	-	-	-	30,000	-	-	30,000
Replacement	Wasting Pump	-	-	-	30,000	-	-	30,000
Replacement	Exhaust Fans	-	-	-	25,000	-	-	25,000
Replacement	Vehicle 434	-	-	-	22,000	-	-	22,000
Replacement	Sludge Grinder	-	-	-	15,000	15,000	18,000	48,000
Replacement	Equipment 109A	-	-	-	15,000	-	-	15,000
Replacement	Variable Frequency Drive	-	-	-	10,000	10,000	-	20,000
Replacement	Fire Alarm Panel	-	-	-	5,000	-	-	5,000
Replacement	Dehumidifiers	-	-	-	-	200,000	-	200,000
Replacement	Vehicle 353	-	-	-	-	150,000	-	150,000
Replacement	Vehicle 464	-	-	-	-	40,000	-	40,000

## Operating Capital Summary by Fiscal Year

Asset Type	Asset Title	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost
Replacement	Equipment 0050	-	-	-	-	35,000	-	35,000
Replacement	Vehicle 360	-	-	-	-	35,000	-	35,000
Replacement	Sluice Gate Actuators	-	-	-	-	30,000	-	30,000
Replacement	Actuator	-	-	-	-	20,000	40,000	60,000
Replacement	Froth Spray Pump & Motor	-	-	-	-	20,000	-	20,000
Replacement	Sump Pump	-	-	-	-	20,000	-	20,000
Rehabilitation	Gearbox, Stems & Hydraulic Piston	-	-	-	-	14,000	-	14,000
Replacement	Equipment 911A	-	-	-	-	9,000	-	9,000
Replacement	Gas Meter	-	-	-	-	6,000	-	6,000
Replacement	Lower Bearing and Stub Shaft	-	-	-	-	-	80,000	80,000
Replacement	Influent Sluice Gate Gearboxes	-	-	-	-	-	40,000	40,000
Replacement	Vehicle 352	-	-	-	-	-	40,000	40,000
Replacement	Scum Dewatering Pump	-	-	-	-	-	36,000	36,000
Replacement	Plant Water Pump & Motor	-	-	-	-	-	35,000	35,000
Replacement	Vehicle 345	-	-	-	-	-	28,000	28,000
Replacement	Screw Pump Motor	-	-	-	-	-	25,000	25,000
Replacement	Water Champ	-	-	-	-	-	25,000	25,000
Replacement	LEL Meters	-	-	-	-	-	10,000	10,000
Replacement	Effluent Bisulfite Analyzer	-	-	-	-	-	9,000	9,000
	<i>Subtotal Field's Point</i>	740,000	930,000	808,000	825,000	936,000	968,000	5,207,000
<b>Bucklin Point</b>								
Rehabilitation	Bar Rack	85,000	85,000	90,000	90,000	90,000	95,000	535,000
Rehabilitation	Effluent Pump	85,000	-	-	-	-	-	85,000
Replacement	Vehicle 382	70,000	-	-	-	-	-	70,000
New	Cameras	60,000	-	-	-	-	-	60,000
Replacement	Vehicle 390	50,000	-	-	-	-	-	50,000
Rehabilitation	Hypochlorite Tank	40,000	-	-	-	-	-	40,000
Replacement	Vehicle 356	40,000	-	-	-	-	-	40,000
Replacement	Motor and Gearbox	32,000	35,000	35,000	35,000	-	-	137,000
Replacement	Aeration Train Actuators	30,000	-	-	-	-	-	30,000
New	Dewatering Pump	20,000	-	-	-	-	-	20,000
New	Remote Control Slope Mower	20,000	-	-	-	-	-	20,000
New	Scum Pump	20,000	-	-	-	-	-	20,000
Replacement	Grit Pump	18,000	18,000	18,000	20,000	20,000	20,000	114,000
Replacement	Sump Pumps	17,000	-	-	-	20,000	-	37,000
New	Lawn Mower and Bagger	15,000	-	-	-	-	-	15,000
Rehabilitation	Centrate Pump	10,000	-	-	-	-	-	10,000
Replacement	Vehicle 444	-	40,000	-	-	-	-	40,000
Replacement	Vehicle 479	-	40,000	-	-	-	-	40,000
Replacement	Dewatering Pump	-	30,000	25,000	-	-	-	55,000
Replacement	Hypochlorite Pump	-	25,000	-	-	-	-	25,000
Replacement	Vehicle 368 Loader	-	14,000	-	-	-	-	14,000
Replacement	Vehicle 368 Mower	-	12,000	-	-	-	-	12,000
Replacement	Vehicle 368 Backhoe	-	10,000	-	-	-	-	10,000
Replacement	Copy Machine	-	9,000	-	-	-	-	9,000
Replacement	Equipment 0065	-	9,000	-	-	-	-	9,000
Replacement	Muffin Monster Grinder	-	-	40,000	40,000	-	45,000	125,000
Replacement	Recirculation Pumps	-	-	25,000	-	-	-	25,000
Replacement	Air Handling Equipment	-	-	20,000	-	-	-	20,000
Replacement	UVT Probe	-	-	20,000	-	-	-	20,000
Replacement	Sodium Bisulfite Tanks	-	-	14,000	-	-	-	14,000
Replacement	Equipment 104A	-	-	12,000	-	-	-	12,000
Replacement	Disinfection Control System	-	-	10,000	-	-	-	10,000
Replacement	Equipment 106A	-	-	8,000	-	-	-	8,000
Replacement	Vehicle 455	-	-	8,000	-	-	-	8,000
Replacement	Variable Frequency Drive	-	-	6,000	-	-	-	6,000
Rehabilitation	Screw Pump	-	-	-	70,000	-	-	70,000
Replacement	Vehicle 351	-	-	-	28,000	-	-	28,000
Replacement	Equipment 0066	-	-	-	25,000	-	-	25,000
Replacement	Equipment 0067	-	-	-	25,000	-	-	25,000
Replacement	Leveling Screws	-	-	-	20,000	-	-	20,000
Replacement	LEL Gas Level System	-	-	-	15,000	-	-	15,000
Replacement	2 Flow Meters	-	-	-	12,000	-	-	12,000
Replacement	Equipment Vehicle 344	-	-	-	8,000	-	-	8,000
Replacement	Equipment 802A	-	-	-	7,000	-	-	7,000
Replacement	Smart UPS	-	-	-	6,000	-	-	6,000
Replacement	Vehicle 330	-	-	-	-	45,000	-	45,000
Replacement	Vehicle 331	-	-	-	-	45,000	-	45,000
Replacement	Flow Meter	-	-	-	-	26,000	6,000	32,000
Replacement	Turbo Blower Harmonic Filter	-	-	-	-	24,000	-	24,000

## Operating Capital Summary by Fiscal Year

Asset Type	Asset Title	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total Cost
Replacement	Limatorque Actuators & Gear Operator	-	-	-	-	15,000	-	15,000
Replacement	Voltage Regulator	-	-	-	-	12,000	-	12,000
Replacement	Equipment 910A	-	-	-	-	10,000	-	10,000
Replacement	Equipment 0102A	-	-	-	-	7,000	-	7,000
Replacement	Power Monitoring System Panel	-	-	-	-	7,000	-	7,000
Replacement	Siemens RIOP2A Control Panel	-	-	-	-	7,000	-	7,000
Replacement	Vehicle 368	-	-	-	-	-	85,000	85,000
Replacement	Vehicle 344	-	-	-	-	-	35,000	35,000
Replacement	Digester Valve Actuators	-	-	-	-	-	15,000	15,000
Replacement	Equipment 118A	-	-	-	-	-	10,000	10,000
Replacement	Meters, Detectors and Transmitters	-	-	-	-	-	10,000	10,000
Replacement	TSS Metering	-	-	-	-	-	10,000	10,000
Replacement	Equipment 0102A	-	-	-	-	-	8,000	8,000
Replacement	Gas Detection System	-	-	-	-	-	8,000	8,000
<i>Subtotal Bucklin Point</i>		<u>612,000</u>	<u>327,000</u>	<u>331,000</u>	<u>401,000</u>	<u>328,000</u>	<u>347,000</u>	<u>2,346,000</u>
<b>ENVIRONMENTAL SCIENCE &amp; COMPLIANCE</b>								
<b>Technical Analysis &amp; Compliance</b>								
Replacement	Vehicle 492	40,000	-	-	-	-	-	40,000
<i>Subtotal Technical Analysis &amp; Compliance</i>		<u>40,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>40,000</u>
<b>Pretreatment</b>								
Replacement	Vehicle 386	45,000	-	-	-	-	-	45,000
Replacement	Vehicle 371	-	-	45,000	-	-	-	45,000
Replacement	Vehicle 359	-	-	-	-	45,000	-	45,000
<i>Subtotal Pretreatment</i>		<u>45,000</u>	<u>-</u>	<u>45,000</u>	<u>-</u>	<u>45,000</u>	<u>-</u>	<u>135,000</u>
<b>Laboratory</b>								
Replacement	Mercury Analyzer	65,000	-	-	-	-	65,000	130,000
Replacement	Autoclave	60,000	60,000	-	-	-	60,000	180,000
Replacement	Biological Media Dispenser	35,000	-	-	-	-	35,000	70,000
Replacement	ICP Mass Spectrometer	-	160,000	-	-	-	-	160,000
Replacement	Salt Water Nutrient Analyzer	-	85,000	-	-	-	-	85,000
Replacement	ICP-OES Trace Metals Spectrometer	-	85,000	-	-	-	-	85,000
Replacement	ICP-OES Industrial Metals Spectrometer	-	-	90,000	-	-	-	90,000
Replacement	Cyanide Analyzer	-	-	85,000	-	-	-	85,000
Replacement	Water Purification Systems	-	-	120,000	-	-	-	120,000
Replacement	Oil and Grease Analyzer	-	-	55,000	-	-	-	55,000
Replacement	Gas Chromatography MS Analyzer	-	-	-	85,000	-	-	85,000
Replacement	Fresh Water Nutrient Analyzer	-	-	-	85,000	-	-	85,000
Replacement	TOC Analyzer	-	-	-	37,000	-	-	37,000
Replacement	Auto-Titration System	-	-	-	-	117,000	-	117,000
Replacement	BOD Skalar Analyzer	-	-	-	-	97,000	-	97,000
Replacement	Analytical Balances	-	-	-	-	23,000	-	23,000
Replacement	Lab Dish Washers	-	-	-	-	-	70,000	70,000
<i>Subtotal Laboratory</i>		<u>160,000</u>	<u>390,000</u>	<u>350,000</u>	<u>207,000</u>	<u>237,000</u>	<u>230,000</u>	<u>1,574,000</u>
<b>Environmental Monitoring</b>								
Replacement	Fixed Site Sondes	55,000	55,000	55,000	55,000	55,000	60,000	335,000
Replacement	Fixed Site Probes, Meters	32,000	32,000	32,000	32,000	34,000	34,000	196,000
Replacement	Vehicle 432	34,000	-	-	-	-	-	34,000
Replacement	Vehicle 365	-	34,000	-	-	-	-	34,000
Replacement	Vehicle 358	-	-	34,000	-	-	-	34,000
Replacement	Vehicle 349	-	-	-	34,000	-	-	34,000
Replacement	Vehicle 340	-	-	-	-	35,000	-	35,000
Replacement	Refrigerated Autosamplers	-	7,000	-	-	-	8,000	15,000
<i>Subtotal Environmental Monitoring</i>		<u>121,000</u>	<u>128,000</u>	<u>121,000</u>	<u>121,000</u>	<u>124,000</u>	<u>102,000</u>	<u>717,000</u>
<b>Total</b>		<u><b>\$ 3,863,000</b></u>	<u><b>\$ 2,445,000</b></u>	<u><b>\$ 2,141,000</b></u>	<u><b>\$ 2,372,000</b></u>	<u><b>\$ 2,247,000</b></u>	<u><b>\$ 2,589,000</b></u>	<u><b>\$ 15,657,000</b></u>

## FY 2021 Operating Capital


Budget					Approved
Account	Allocation	Asset Type	Asset Title	Asset Description	Budget
<b>ADMINISTRATION</b>					
<b>Administration</b>					
16510	21-021-001	New	Vehicle	Hybrid vehicle for Executive Director	\$ 40,000
16580	21-021-002	New	Office Furniture	Office furniture and reconfiguration needed for reorganization	30,000
<i>Subtotal Administration</i>					<u>70,000</u>
<b>Information Technology</b>					
16555	21-033-001	Replacement	Backup Solution	Replace Barracuda backup solution	670,000
16555	21-033-002	Replacement	Annual PC Refresh Program	Replace obsolete personal computers	75,000
16555	21-033-003	Replacement	Edge Switch Upgrades	Upgrade Edge Switches with new technology	50,000
16550	21-033-004	New	Customer Service System	Enhancements to the Customer Service system	50,000
16550	21-033-005	New	LIMS Enhancement	Enhancements to Laboratory Information Management System	50,000
16550	21-033-006	New	Software Licensing	Purchase new software for use at NBC	40,000
16550	21-033-007	New	Conference Room Upgrades	Updating technology in the conference rooms	25,000
16550	21-033-008	New	Computer Room Enhancements	New hardware for computer room	25,000
16550	21-033-009	New	Antivirus Upgrades	Upgrades to antivirus software	10,000
<i>Subtotal Information Technology</i>					<u>995,000</u>
<b>Subtotal Administration</b>					<b>1,065,000</b>
<b>CONSTRUCTION &amp; ENGINEERING</b>					
<b>Construction Services</b>					
16515	21-022-001	Replacement	Vehicle 433	Transport construction personnel to construction sites	30,000
<i>Subtotal Construction Services</i>					<u>30,000</u>
<b>Engineering</b>					
16525	21-025-001	Replacement	HVAC	Heating, ventilation and air conditioning roof components	50,000
16525	21-025-002	Replacement	Flow Meters	Flow meters for strobic exhaust fans in laboratory	30,000
<i>Subtotal Engineering</i>					<u>80,000</u>
<b>Subtotal Construction &amp; Engineering</b>					<b>110,000</b>
<b>FINANCE</b>					
<b>Finance</b>					
16580	21-031-001	New	Office Furniture	Office furniture and re-configuration after completion of renovations	100,000
<i>Subtotal Finance</i>					<u>100,000</u>
<b>Accounting</b>					
16550	21-032-001	New	CAFR Software	Software that generates the NBC's annual CAFR	35,000
16580	21-032-002	New	Office Furniture	Office furniture needs after completion of renovations	10,000
<i>Subtotal Accounting</i>					<u>45,000</u>
<b>Customer Service</b>					
16515	21-034-001	Replacement	Vehicle 372	Customer site visits	35,000
16580	21-034-002	New	Office Furniture	Office furniture to meet changes in Customer Service	10,000
<i>Subtotal Customer Service</i>					<u>45,000</u>
<b>Subtotal Finance</b>					<b>190,000</b>
<b>OPERATIONS AND MAINTENANCE</b>					
<b>Interceptor Maintenance</b>					
16515	21-043-001	Replacement	Vehicle 420	Clean catch basins and pipes	475,000
16515	21-043-002	Replacement	Vehicle 415	Clean catch basins and other areas needing a clam-shell	185,000
16515	21-043-003	Replacement	Vehicle 347	Transport staff and equipment to various sites for inspections	50,000
<i>Subtotal Interceptor Maintenance</i>					<u>710,000</u>
<b>Operations &amp; Maintenance Services</b>					
16555	21-044-001	Replacement	Programmable Logic Controller	Performance reporting of the facilities' various pumps, meters and flows	50,000
16555	21-044-002	Replacement	Computer System Upgrades	Automation systems that control equipment and machinery at the WWTFs	20,000
<i>Subtotal Operations &amp; Maintenance Services</i>					<u>70,000</u>
<b>Field's Point</b>					
16525	21-046-001	Rehabilitation	Bar Rack	Removes large objects from influent	150,000
16515	21-046-002	Replacement	Vehicle 485	Pumps out scum wells and empties scum into tanks	130,000
16525	21-046-003	Rehabilitation	Grit Tank	Allows grit to settle so it can be removed from influent	100,000
16525	21-046-004	Rehabilitation	Hypochlorite Tanks	Stores Sodium Hypochlorite solution	85,000
16525	21-046-005	Replacement	Screw Pump Gear Box	Powers large screw pump	65,000
16525	21-046-006	Replacement	Cameras	Monitors tunnel pump station area, gates, and equipment	70,000
16525	21-046-007	Replacement	Tunnel Pump Motor	Pumps tunnel influent to wastewater treatment facility	45,000
16520	21-046-008	New	Heaters	Keeps outside high voltage transformers warm	40,000
16525	21-046-009	Replacement	Fiberglass Double Door	Allows equipment to be moved in and out of building	20,000
16525	21-046-010	Replacement	Isolation Valves	Isolates sludge pumps	15,000
16525	21-046-011	Replacement	Flow Meter	Measures flow of biosolids	10,000
16515	21-046-012	Replacement	Vehicle 465	Supplies electricity to areas where there is none.	10,000
<i>Subtotal Field's Point</i>					<u>740,000</u>

## FY 2021 Operating Capital

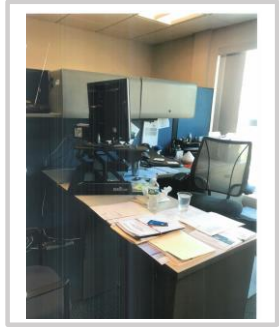
Budget					Approved
Account	Allocation	Asset Type	Asset Title	Asset Description	Budget
<b>Bucklin Point</b>					
16525	21-047-001	Rehabilitation	Bar Rack	Removes larger objects from influent	85,000
16525	21-047-002	Rehabilitation	Effluent Pump	Pumps effluent	85,000
16515	21-047-003	Replacement	Vehicle 382	Moves heavy equipment, ground maintenance and snow removal	70,000
16520	21-047-004	New	Cameras	Monitoring of bar rack, grit and sludge belt thickening areas	60,000
16515	21-047-005	Replacement	Vehicle 390	Pump out tanks in preparation for repairs	50,000
16515	21-047-006	Replacement	Vehicle 356	Moves heavy equipment, transport staff and snow removal	40,000
16525	21-047-007	Rehabilitation	Hypochlorite Tank	Stores chemical for disinfection of effluent	40,000
16525	21-047-008	Replacement	Collector Tank	Allows grit to settle so it can be removed	32,000
16525	21-047-009	Replacement	Aeration Train Actuators	Opens and closes aeration train gates	30,000
16520	21-047-010	New	Dewatering Pump	Dewatering primary tanks	20,000
16520	21-047-011	New	Scum Pump	Removes scum and grease from effluent	20,000
16520	21-047-012	New	Mower	Remote control slope mower for maintenance of slope grass areas	20,000
16525	21-047-013	Replacement	Grit Pump	Removes inorganic material from influent harmful to equipment	18,000
16525	21-047-014	Replacement	Sump Pumps	Removes excess water to prevent flooding and protect building and equipment	17,000
16520	21-047-015	New	Mower & Bagger	Efficiently maintain grounds	15,000
16525	21-047-016	Rehabilitation	Centrate Pump	Processes flow from digester 1 and side stream building	10,000
<i>Subtotal Bucklin Point</i>					612,000
<b><i>Subtotal Operations &amp; Maintenance</i></b>					<b>2,132,000</b>
<b>ENVIRONMENTAL SCIENCE &amp; COMPLIANCE</b>					
<b>Technical Analysis &amp; Compliance</b>					
16515	21-051-001	Replacement	Vehicle 492	Transport goods and people to Bucklin Point, off-site meetings and site visits	40,000
<i>Subtotal Technical Analysis &amp; Compliance</i>					40,000
<b>Pretreatment</b>					
16515	21-052-001	Replacement	Vehicle 386	Inspections and investigations	45,000
<i>Subtotal Pretreatment</i>					45,000
<b>Laboratory</b>					
16575	21-053-001	Replacement	Mercury Analyzer	Test for Mercury in Field's Point and Bucklin Point permit samples	65,000
16575	21-053-002	Replacement	Autoclave Sterilizer	Sterilize biological media for permit fecal coliform and enterococci tests	60,000
16575	21-053-003	Replacement	Biological Media Dispenser	Dispense biological media for permit fecal coliform and enterococci tests	35,000
<i>Subtotal Laboratory</i>					160,000
<b>Environmental Monitoring</b>					
16575	21-055-001	Replacement	Fixed Site Sondes	Fixed site and buoy stations in upper Bay	55,000
16515	21-055-003	Replacement	Vehicle 432	Field sample collections	34,000
16575	21-055-002	Replacement	Fixed Site Probes & Meters	Nutrient sampling probes, meters and associated equipment	32,000
<i>Subtotal Environmental Monitoring</i>					121,000
<b><i>Subtotal Environmental Science &amp; Compliance</i></b>					<b>366,000</b>
<b>Total Operating Capital FY 2021</b>					<b><u>\$ 3,863,000</u></b>



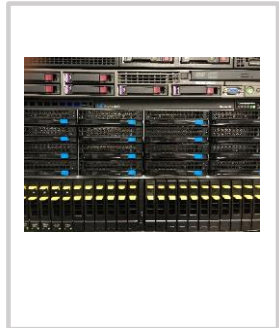
<b>Asset Allocation No.</b>	<b>21-021-001</b>		
<b>Asset Title</b>	<b>Vehicle</b>	<b>Cost Center:</b>	Administration
<b>Asset Location</b>	COB	<b>Amount:</b>	\$ 40,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other <u>Replace Lease</u>
<b>Asset Description:</b>	Hybrid vehicle for Executive Director to use for out of office meetings and general transportation.		
<b>Budget Account:</b>	16510 Automotive Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u> <b>Useful life:</b> <u>10 Years</u>



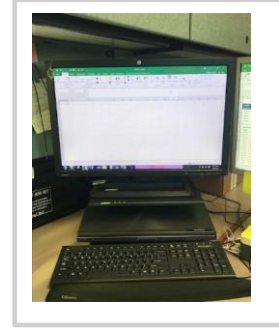
<b>Asset Allocation No.</b>	<b>21-021-002</b>		
<b>Asset Title</b>	<b>Office Furniture &amp; Reconfiguration</b>	<b>Cost Center:</b>	Administration
<b>Asset Location</b>	COB	<b>Amount:</b>	\$ 30,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other <u>As needed</u>
<b>Asset Description:</b>	Office furniture and reconfiguration needed for re-organization.		
<b>Budget Account:</b>	16580 Office Furniture & Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u> <b>Useful life:</b> <u>3 Years</u>




<b>Asset Allocation No.</b>	<b>21-033-001</b>		
<b>Asset Title</b>	<b>Backup Solution</b>	<b>Cost Center:</b>	Information Technology
<b>Asset Location</b>	COB	<b>Amount:</b>	\$ 670,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other <u>As needed</u>
<b>Asset Description:</b>	Replace Barracuda backup solution.		
<b>Budget Account:</b>	16555 Computer Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2014</u>	<b>Original estimated useful life:</b>	<u>5 Years</u> <b>Useful life:</b> <u>5 Years</u>




<b>Asset Allocation No.</b>	<b>21-033-002</b>		
<b>Asset Title</b>	<b>Annual PC Refresh Program</b>	<b>Cost Center:</b>	Information Technology
<b>Asset Location</b>	NBC-wide	<b>Amount:</b>	\$ 75,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other <u>As needed</u>
<b>Asset Description:</b>	Replace computers over 5 years with new ones.		
<b>Budget Account:</b>	16555 Computer Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2014</u>	<b>Original estimated useful life:</b>	<u>5 Years</u> <b>Useful life:</b> <u>5 Years</u>




<b>Asset Allocation No.</b>	<b>21-033-003</b>		
<b>Asset Title</b>	<b>Edge Switch Upgrades</b>	<b>Cost Center:</b>	Information Technology
<b>Asset Location</b>	NBC-wide	<b>Amount:</b>	\$ 50,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other <u>As needed</u>
<b>Asset Description:</b>	Upgrade Edge switches with new technology.		
<b>Budget Account:</b>	16555 Computer Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2014</u>	<b>Original estimated useful life:</b>	<u>5 Years</u> <b>Useful life:</b> <u>5 Years</u>




<b>Asset Allocation No.</b>	<b>21-033-004</b>		
<b>Asset Title</b>	<b>Customer Service System</b>	<b>Cost Center:</b>	Information Technology
<b>Asset Location</b>	COB	<b>Amount:</b>	\$ 50,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other <u>As needed</u>
<b>Asset Description:</b>	Enhancements to the customer service system.		
<b>Budget Account:</b>	16550 Computer Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u> <b>Useful life:</b> <u>5 Years</u>




<b>Asset Allocation No.</b>	<b>21-033-005</b>		
<b>Asset Title</b>	<b>LIMS Enhancement</b>	<b>Cost Center:</b>	Information Technology
<b>Asset Location</b>	COB	<b>Amount:</b>	\$ 50,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input type="checkbox"/> Other <u>As needed</u>
<b>Asset Description:</b>	Enhancements to the Laboratory Information Management system to meet the changing needs of NBC.		
<b>Budget Account:</b>	16550 Computer Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u> <b>Useful life:</b> <u>5 Years</u>




<b>Asset Allocation No.</b>	<b>21-033-006</b>		
<b>Asset Title</b>	<b>Software Licensing</b>	<b>Cost Center:</b>	Information Technology
<b>Asset Location</b>	NBC-wide	<b>Amount:</b>	\$ 40,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other _____
<b>Asset Description:</b>	New software for use at NBC.		
<b>Budget Account:</b>	16550 Computer Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u> <b>Useful life:</b> <u>5 Years</u>




<b>Asset Allocation No.</b>	<b>21-033-007</b>		
<b>Asset Title</b>	<b>Conference Room Upgrades</b>	<b>Cost Center:</b>	Information Technology
<b>Asset Location</b>	COB	<b>Amount:</b>	\$ 25,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other <u>As needed</u>
<b>Asset Description:</b>	Update technology in the COB conference rooms.		
<b>Budget Account:</b>	16550 Computer Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u> <b>Useful life:</b> <u>5 Years</u>




<b>Asset Allocation No.</b>	<b>21-033-008</b>		
<b>Asset Title</b>	<b>Computer Room Enhancements</b>	<b>Cost Center:</b>	Information Technology
<b>Asset Location</b>	COB	<b>Amount:</b>	\$ 25,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other <u>As needed</u>
<b>Asset Description:</b>	New hardware for computer room to keep computers running efficiently.		
<b>Budget Account:</b>	16550 Computer Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u> <b>Useful life:</b> <u>5 Years</u>



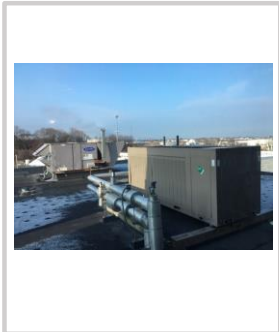
<b>Asset Allocation No.</b>	<b>21-033-009</b>		
<b>Asset Title</b>	<b>Antivirus Upgrades</b>	<b>Cost Center:</b>	Information Technology
<b>Asset Location</b>	NBC-wide	<b>Amount:</b>	\$ 10,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other <u>As needed</u>
<b>Asset Description:</b>	Upgrade antivirus software as new technology is implemented.		
<b>Budget Account:</b>	16550 Computer Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u> <b>Useful life:</b> <u>5 Years</u>




<b>Asset Allocation No.</b>	<b>20-022-001</b>		
<b>Asset Title</b>	<b>Vehicle 433</b>	<b>Cost Center:</b>	Construction Services
<b>Asset Location</b>	COB	<b>Amount:</b>	\$ 30,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other _____
<b>Asset Description:</b>	SUV used to transport construction personnel to construction sites.		
<b>Budget Account:</b>	16515 Automotive Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2009</u>	<b>estimated useful life:</b>	<u>10 Years</u> <b>Useful life:</b> <u>10 Years</u>



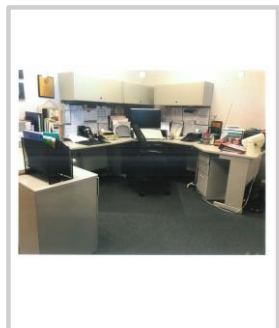
<b>Asset Allocation No.</b>	<b>20-025-001</b>		
<b>Asset Title</b>	<b>HVAC</b>	<b>Cost Center:</b>	Engineering
<b>Asset Location</b>	COB	<b>Amount:</b>	\$ 50,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Replace heating, ventilation and air conditioning roof components.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2013</u>	<b>Original estimated useful life:</b>	<u>5 Years</u> <b>Useful life:</b> <u>5 Years</u>




<b>Asset Allocation No.</b>	<b>20-025-002</b>		
<b>Asset Title</b>	<b>Flow Meters</b>	<b>Cost Center:</b>	Engineering
<b>Asset Location</b>	Water Quality Science Building	<b>Amount:</b>	\$ 30,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other
<b>Asset Description:</b>	Replace pilot type flow meters for 5 strobic exhaust fans in the laboratory fume hoods/all process areas.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2017</u>	<b>Original estimated useful life:</b>	<u>3 Years</u> <b>Useful life:</b> <u>10 Years</u>



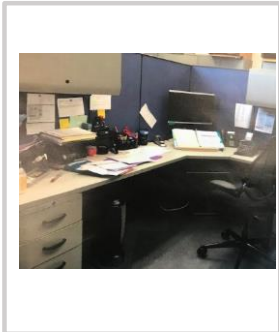
<b>Asset Allocation No.</b>	<b>20-031-001</b>		
<b>Asset Title</b>	<b>Office Furniture &amp; Reconfiguration</b>	<b>Cost Center:</b>	Finance
<b>Asset Location</b>	COB	<b>Amount:</b>	\$ 100,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other <u>As needed</u>
<b>Asset Description:</b>	Office furniture and reconfiguration required after office renovations.		
<b>Budget Account:</b>	16580 Office Furniture & Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u> <b>Useful life:</b> <u>3 Years</u>



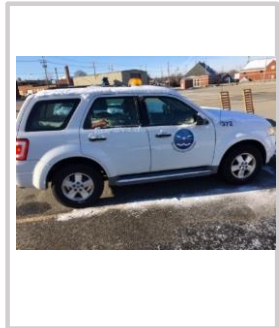
<b>Asset Allocation No.</b>	<b>21-032-001</b>		
<b>Asset Title</b>	<b>CAFR Software</b>	<b>Cost Center:</b>	Accounting
<b>Asset Location</b>	COB	<b>Amount:</b>	\$ 35,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other <u>Productivity</u>
<b>Asset Description:</b>	Software to provide power and sophistication to address the most complex enterprise reporting and processes.		
<b>Budget Account:</b>	16550 Computer Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u> <b>Useful life:</b> <u>3 Years</u>



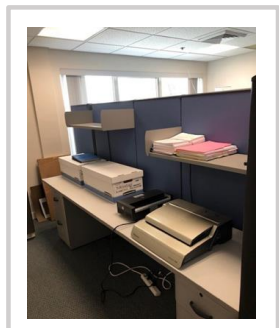
<b>Asset Allocation No.</b>	<b>21-032-002</b>		
<b>Asset Title</b>	<b>Office Furniture</b>	<b>Cost Center:</b>	Accounting
<b>Asset Location</b>	COB	<b>Amount:</b>	\$ 10,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other <u>Need Based</u>
<b>Asset Description:</b>	Furniture required after completion of renovations.		
<b>Budget Account:</b>	16580 Office Furniture & Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u> <b>Useful life:</b> <u>3 Years</u>



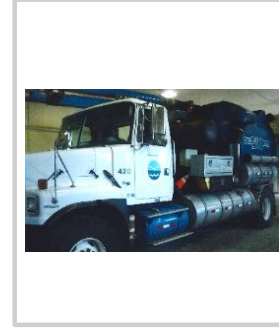
<b>Asset Allocation No.</b>	<b>21-034-001</b>		
<b>Asset Title</b>	<b>Vehicle 372</b>	<b>Cost Center:</b>	Customer Service
<b>Asset Location</b>	COB	<b>Amount:</b>	\$ 35,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other _____
<b>Asset Description:</b>	Vehicle used by Field Inspectors for customer site visits.		
<b>Budget Account:</b>	16515 Automotive Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2011</u>	<b>Original estimated useful life:</b>	<u>10 Years</u> <b>Useful life:</b> <u>10 Years</u>



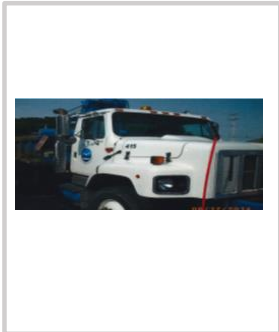
<b>Asset Allocation No.</b>	<b>21-034-002</b>		
<b>Asset Title</b>	<b>Office Furniture &amp; Equipment</b>	<b>Cost Center:</b>	Customer Service
<b>Asset Location</b>	COB	<b>Amount:</b>	\$ 10,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other <u>Need Based</u>
<b>Asset Description:</b>	Office furniture for Customer Service as a result of the implementation of the new Customer Service Application		
<b>Budget Account:</b>	16580 Office Furniture & Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u> <b>Useful life:</b> <u>3 Years</u>




<b>Asset Allocation No.</b>	<b>21-043-001</b>		
<b>Asset Title</b>	<b>Vehicle 420</b>	<b>Cost Center:</b>	Interceptor Maintenance
<b>Asset Location</b>	IM Building	<b>Amount:</b>	\$ 485,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other _____
<b>Asset Description:</b>	Combination sewer cleaning vehicle to clean sewer pipes, manholes, tanks and chambers.		
<b>Budget Account:</b>	16515 Automotive Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2000</u>	<b>Original estimated useful life:</b>	<u>10 Years</u> <b>Useful life:</b> <u>10 Years</u>




<b>Asset Allocation No.</b>	<b>21-043-002</b>		
<b>Asset Title</b>	<b>Vehicle 415</b>	<b>Cost Center:</b>	Interceptor Maintenance
<b>Asset Location</b>	IM Building	<b>Amount:</b>	\$ 185,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management <input checked="" type="checkbox"/> Inspection <input type="checkbox"/> Other		
<b>Asset Description:</b>	Sewer cleaning vehicle to clean catch basins, sumps and netting facilities.		
<b>Budget Account:</b>	16515 Automotive Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2001</u>	<b>Original estimated useful life:</b>	<u>10 Years</u> <b>Useful life:</b> <u>10 Years</u>




<b>Asset Allocation No.</b>	<b>21-043-003</b>		
<b>Asset Title</b>	<b>Vehicle 347</b>	<b>Cost Center:</b>	Interceptor Maintenance
<b>Asset Location</b>	IM Building	<b>Amount:</b>	\$ 50,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management <input checked="" type="checkbox"/> Inspection <input type="checkbox"/> Other		
<b>Asset Description:</b>	Pickup Truck with Road Sander to transport IM staff and equipment, sand and plow during adverse weather.		
<b>Budget Account:</b>	16515 Automotive Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2014</u>	<b>Original estimated useful life:</b>	<u>5 Years</u> <b>Useful life:</b> <u>5 Years</u>



<b>Asset Allocation No.</b>	<b>21-044-001</b>		
<b>Asset Title</b>	<b>Programmable Logic Controller</b>	<b>Cost Center:</b>	Operations & Maintenance Services
<b>Asset Location</b>	Bucklin Point	<b>Amount:</b>	\$ 50,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management <input checked="" type="checkbox"/> Inspection <input type="checkbox"/> Other		
<b>Asset Description:</b>	Equipment used for performance reporting of the facilities various pumps, meters and flows.		
<b>Budget Account:</b>	16555 Computer Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2014</u>	<b>Original estimated useful life:</b>	<u>5 Years</u> <b>Useful life:</b> <u>5 Years</u>




<b>Asset Allocation No.</b>	<b>21-044-002</b>		
<b>Asset Title</b>	<b>Computer Upgrade</b>	<b>Cost Center:</b>	Operations & Maintenance Services
<b>Asset Location</b>	Field's Point & Bucklin Point WWTFs	<b>Amount:</b>	\$ 20,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management <input checked="" type="checkbox"/> Inspection <input type="checkbox"/> Other		
<b>Asset Description:</b>	Automation systems that control equipment and machinery at the WWTFs.		
<b>Budget Account:</b>	16555 Computer Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2014</u>	<b>Original estimated useful life:</b>	<u>5 Years</u> <b>Useful life:</b> <u>5 Years</u>

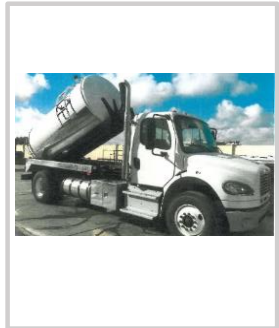




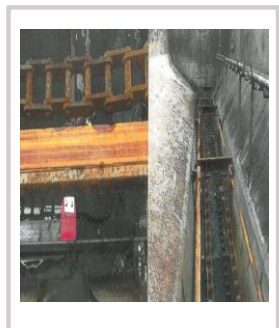
<b>Asset Allocation No.</b>	<b>21-046-001</b>		
<b>Asset Title</b>	<b>Bar Rack</b>	<b>Cost Center:</b>	Field's Point
<b>Asset Location</b>	Ernst Street Pump Station	<b>Amount:</b>	\$ 150,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Rebuild bar rack which removes large objects from influent. Rebuilding the bar rack will add an additional 4 years of useful life to the asset.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	BETTERMENT		
<b>Original date in service:</b>	<u>2016</u>	<b>Original estimated useful life:</b>	<u>4 Years</u> <b>Useful life:</b> <u>4 Years</u>



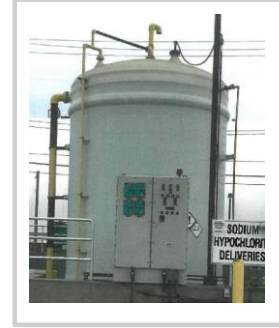
<b>Asset Allocation No.</b>	<b>21-046-002</b>		
<b>Asset Title</b>	<b>Vehicle 485</b>	<b>Cost Center:</b>	Field's Point
<b>Asset Location</b>	Field's Point	<b>Amount:</b>	\$ 130,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Replace scum truck which pumps out scum wells and empties scum into tank.		
<b>Budget Account:</b>	16515 Automotive Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2003</u>	<b>Original estimated useful life:</b>	<u>10 Years</u> <b>Useful life:</b> <u>10 Years</u>




<b>Asset Allocation No.</b>	<b>21-046-003</b>		
<b>Asset Title</b>	<b>Grit Tank</b>	<b>Cost Center:</b>	Field's Point
<b>Asset Location</b>	Field's Point Grit Building	<b>Amount:</b>	\$ 100,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Rebuild grit tank unit which allows grit to settle so it can be removed from influent. Rebuilding the grit tank will add an additional 4 years of useful life to the asset.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	BETTERMENT		
<b>Original date in service:</b>	<u>2016</u>	<b>Original estimated useful life:</b>	<u>4 Years</u> <b>Useful life:</b> <u>4 Years</u>



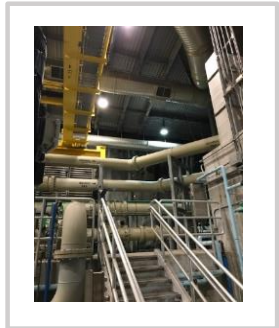
<b>Asset Allocation No.</b>	<b>21-046-004</b>		
<b>Asset Title</b>	<b>Hypochlorite Tanks</b>	<b>Cost Center:</b>	Field's Point
<b>Asset Location</b>	Field's Point Hypochlorite Tank Farm	<b>Amount:</b>	\$ 85,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Reline and reinforce sodium hypochlorite storage tanks. Relining and reinforcing the sodium hypochlorite storage tanks will add an additional 20 years of useful life to the asset.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	BETTERMENT		
<b>Original date in service:</b>	<u>1998</u>	<b>Original estimated useful life:</b>	<u>20 Years</u> <b>Useful life:</b> <u>20 Years</u>




<b>Asset Allocation No.</b>	<b>21-046-005</b>		
<b>Asset Title</b>	<b>Screw Pump Gear Box</b>	<b>Cost Center:</b>	Field's Point
<b>Asset Location</b>	Field's Point Blower Building	<b>Amount:</b>	\$ 65,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Replacement of screw pump gear box which powers large screw pump.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2010</u>	<b>Original estimated useful life:</b>	<u>10 Years</u>
		<b>Useful life:</b>	<u>10 Years</u>




<b>Asset Allocation No.</b>	<b>21-046-006</b>		
<b>Asset Title</b>	<b>Cameras</b>	<b>Cost Center:</b>	Field's Point
<b>Asset Location</b>	Tunnel Pump Station & FPWWTF	<b>Amount:</b>	\$ 70,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Replace worn obsolete cameras with new technology used to monitor Tunnel Pump Station areas, as well as monitor gates and equipment at FPWWTF.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2008</u>	<b>Original estimated useful life:</b>	<u>10 Years</u>
		<b>Useful life:</b>	<u>10 Years</u>



<b>Asset Allocation No.</b>	<b>21-046-007</b>		
<b>Asset Title</b>	<b>Tunnel Pump Motor</b>	<b>Cost Center:</b>	Field's Point
<b>Asset Location</b>	Tunnel Pump Station	<b>Amount:</b>	\$ 45,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Replace tunnel influent pumps that pump influent to the wastewater treatment facility.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2008</u>	<b>Original estimated useful life:</b>	<u>15 Years</u>
		<b>Useful life:</b>	<u>15 Years</u>




<b>Asset Allocation No.</b>	<b>21-046-008</b>		
<b>Asset Title</b>	<b>Heaters</b>	<b>Cost Center:</b>	Field's Point
<b>Asset Location</b>	Ernest Street Pump Station	<b>Amount:</b>	\$ 40,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Heaters for outside high voltage transformers used for influent pumping at the Ernest Street Pump Station.		
<b>Budget Account:</b>	16520 Building and Plant Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u>
		<b>Useful life:</b>	<u>20 Years</u>







<b>Asset Allocation No.</b>	<b>21-046-009</b>		
<b>Asset Title</b>	<b>Fiberglass Double Door</b>	<b>Cost Center:</b>	Field's Point
<b>Asset Location</b>	Field's Point Wet Weather Building	<b>Amount:</b>	\$ 20,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Replace worn double door on the Wet Weather Building which allows equipment to be moved in and out of building.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>1991</u>	<b>Original estimated useful life:</b>	<u>20 Years</u>
		<b>Useful life:</b>	<u>20 Years</u>




<b>Asset Allocation No.</b>	<b>21-046-010</b>		
<b>Asset Title</b>	<b>Isolation Valves</b>	<b>Cost Center:</b>	Field's Point
<b>Asset Location</b>	Field's Point Secondary Treatment	<b>Amount:</b>	\$ 15,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Replace worn isolation sludge pump valves at the secondary treatment.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>1997</u>	<b>Original estimated useful life:</b>	<u>20 Years</u>
		<b>Useful life:</b>	<u>20 Years</u>




<b>Asset Allocation No.</b>	<b>21-046-011</b>		
<b>Asset Title</b>	<b>Flow Meter</b>	<b>Cost Center:</b>	Field's Point
<b>Asset Location</b>	Field's Point Gravity Thickener Pump Station	<b>Amount:</b>	\$ 10,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Replace worn flow meter for the solids handling, gravity thickener pump station with new technology.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2007</u>	<b>Original estimated useful life:</b>	<u>10 Years</u>
		<b>Useful life:</b>	<u>10 Years</u>




<b>Asset Allocation No.</b>	<b>21-046-012</b>		
<b>Asset Title</b>	<b>Vehicle 465</b>	<b>Cost Center:</b>	Field's Point
<b>Asset Location</b>	Field's Point Maintenance Building	<b>Amount:</b>	\$ 10,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Rebuild generator which supplies electricity to areas where there is no electricity. Rebuilding the generator will add an additional 10 years of useful life to the asset.		
<b>Budget Account:</b>	16515 Automotive Equipment Replacement		
<b>Type:</b>	BETTERMENT		
<b>Original date in service:</b>	<u>2005</u>	<b>Original estimated useful life:</b>	<u>10 Years</u>
		<b>Useful life:</b>	<u>10 Years</u>




<b>Asset Allocation No.</b>	<b>21-047-001</b>		
<b>Asset Title</b>	<b>Bar Rack</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point Screen & Grit Building	<b>Amount:</b>	\$ 85,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Rebuild bar rack 4 at the preliminary treatment, screen and grit building to prevent damage to pumps and other equipment. Rebuilding the bar rack will add an additional 4 years of useful life to the asset.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	BETTERMENT		
<b>Original date in service:</b>	<u>2005</u>	<b>Original estimated useful life:</b>	<u>4 Years</u> <b>Useful life:</b> <u>4 Years</u>




<b>Asset Allocation No.</b>	<b>21-047-002</b>		
<b>Asset Title</b>	<b>Effluent Pump</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point	<b>Amount:</b>	\$ 85,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Rebuild effluent pump which pumps disinfected effluent to outfall. Rebuilding the effluent pump will add an additional 8 years of useful life to the asset.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	BETTERMENT		
<b>Original date in service:</b>	<u>2005</u>	<b>Original estimated useful life:</b>	<u>15 Years</u> <b>Useful life:</b> <u>8 Years</u>




<b>Asset Allocation No.</b>	<b>21-047-003</b>		
<b>Asset Title</b>	<b>Vehicle 382</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point Maintenance	<b>Amount:</b>	\$ 70,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Replace dump truck with sander and plow attachments used for moving heavy equipment, ground maintenance and snow removal.		
<b>Budget Account:</b>	16515 Automotive Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2009</u>	<b>Original estimated useful life:</b>	<u>10 Years</u> <b>Useful life:</b> <u>10 Years</u>




<b>Asset Allocation No.</b>	<b>21-047-004</b>		
<b>Asset Title</b>	<b>Cameras</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point Screen & Grit Building	<b>Amount:</b>	\$ 60,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Install cameras to monitor bar racks and grit pumps in Screening & Grit building area and sludge belt thickening area at the GBT building.		
<b>Budget Account:</b>	16520 Building and Plant Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u> <b>Useful life:</b> <u>10 Years</u>



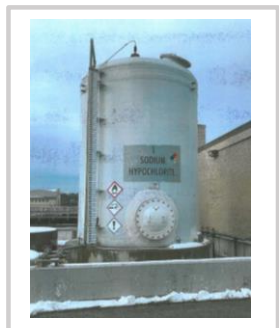
<b>Asset Allocation No.</b>	<b>21-047-005</b>		
<b>Asset Title</b>	<b>Vehicle 390</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point	<b>Amount:</b>	\$ 50,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Replace 6" pumpset used to pump out tanks in preparation for repairs.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2003</u>	<b>Original estimated useful life:</b>	<u>15 Years</u>
		<b>Useful life:</b>	<u>15 Years</u>




<b>Asset Allocation No.</b>	<b>21-047-006</b>		
<b>Asset Title</b>	<b>Vehicle 356</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point Maintenance	<b>Amount:</b>	\$ 40,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Replace Ford 350 pickup used to move equipment, staff, ground maintenance and snow removal.		
<b>Budget Account:</b>	16515 Automotive Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2012</u>	<b>Original estimated useful life:</b>	<u>10 Years</u>
		<b>Useful life:</b>	<u>10 Years</u>




<b>Asset Allocation No.</b>	<b>21-047-007</b>		
<b>Asset Title</b>	<b>Hypochlorite Tanks</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point Hypochlorite Tank Farm	<b>Amount:</b>	\$ 40,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Reline sodium hypochlorite storage tanks to prevent leaking. Relining the sodium hypochlorite storage tanks will add an additional 10 years of useful life to the asset.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	BETTERMENT		
<b>Original date in service:</b>	<u>2005</u>	<b>Original estimated useful life:</b>	<u>10 Years</u>
		<b>Useful life:</b>	<u>10 Years</u>



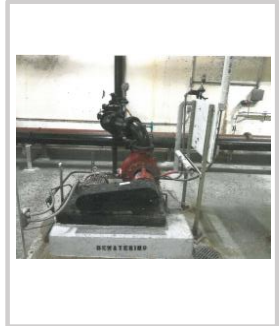
<b>Asset Allocation No.</b>	<b>21-047-008</b>		
<b>Asset Title</b>	<b>Collector Tank</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point Screen & Grit Building	<b>Amount:</b>	\$ 32,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Replace motor and gear box on collector tank which allows grit to settle and be removed.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2005</u>	<b>estimated useful life:</b>	<u>20 Years</u>
		<b>Useful life:</b>	<u>20 Years</u>




<b>Asset Allocation No.</b>	<b>21-047-009</b>		
<b>Asset Title</b>	<b>Aeration Train Actuators</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point Aeration Tanks	<b>Amount:</b>	\$ 30,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Replace 2 actuators with gear box for aeration train gates used to open/close gates for biological treatment.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2005</u>	<b>Original estimated useful life:</b>	<u>15 Years</u>
		<b>Useful life:</b>	<u>15 Years</u>




<b>Asset Allocation No.</b>	<b>21-047-010</b>		
<b>Asset Title</b>	<b>Dewatering Pump</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point Primary Sludge Pump Station	<b>Amount:</b>	\$ 20,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Install a new primary dewatering pump at the primary sludge pump station needed for redundancy in this area. There is currently no backup dewatering pump in this area.		
<b>Budget Account:</b>	16520 Building and Plant Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u>
		<b>Useful life:</b>	<u>15 Years</u>




<b>Asset Allocation No.</b>	<b>21-047-011</b>		
<b>Asset Title</b>	<b>Scum Pump</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point Scum Pump Station 1	<b>Amount:</b>	\$ 20,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Install new scum pump, used to remove scum and grease from effluent, at scum pump station 1. Needed for redundancy in this area.		
<b>Budget Account:</b>	16520 Building and Plant Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u>
		<b>Useful life:</b>	<u>15 Years</u>




<b>Asset Allocation No.</b>	<b>21-047-012</b>		
<b>Asset Title</b>	<b>Mower</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point	<b>Amount:</b>	\$ 20,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Remote control slope mower used to mow hill areas at the Bucklin Point WWTF.		
<b>Budget Account:</b>	16520 Building and Plant Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u>
		<b>Useful life:</b>	<u>10 Years</u>




<b>Asset Allocation No.</b>	<b>21-047-013</b>		
<b>Asset Title</b>	<b>Grit Pump</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point Screen & Grit Building	<b>Amount:</b>	\$ 18,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Removes inorganic material from influent to prevent damage to equipment.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2015</u>	<b>Original estimated useful life:</b>	<u>5 Years</u>
		<b>Useful life:</b>	<u>5 Years</u>



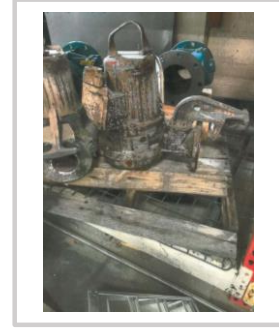
<b>Asset Allocation No.</b>	<b>21-047-014</b>		
<b>Asset Title</b>	<b>Sump Pumps</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point Screen & Grit Building	<b>Amount:</b>	\$ 17,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	The sump pumps remove excess water to prevent flooding and protect building and equipment.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2005</u>	<b>Original estimated useful life:</b>	<u>15 Years</u>
		<b>Useful life:</b>	<u>15 Years</u>



<b>Asset Allocation No.</b>	<b>21-047-015</b>		
<b>Asset Title</b>	<b>Mower &amp; Bagger</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point	<b>Amount:</b>	\$ 15,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Lawn mower and bagger to efficiently maintain grounds.		
<b>Budget Account:</b>	16520 Building and Plant Equipment		
<b>Type:</b>	NEW		
<b>Original date in service:</b>	<u>N/A</u>	<b>Original estimated useful life:</b>	<u>N/A</u>
		<b>Useful life:</b>	<u>10 Years</u>

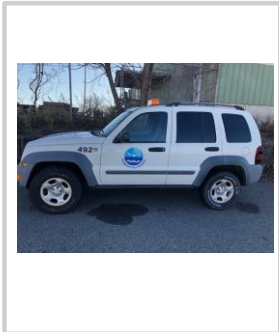


<b>Asset Allocation No.</b>	<b>21-047-016</b>		
<b>Asset Title</b>	<b>Centrate Pump</b>	<b>Cost Center:</b>	Bucklin Point
<b>Asset Location</b>	Bucklin Point Dewatering Building	<b>Amount:</b>	\$ 10,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other
<b>Asset Description:</b>	Rebuild the centrate pump which processes flow from digester 1 and the sidestream building. Rebuilding the pump will add an additional 5 years of useful life to the asset.		
<b>Budget Account:</b>	16525 Building and Plant Equipment Replacement		
<b>Type:</b>	BETTERMENT		
<b>Original date in service:</b>	<u>2005</u>	<b>Original estimated useful life:</b>	<u>15 Years</u>
		<b>Useful life:</b>	<u>5 Years</u>







<b>Asset Allocation No.</b>	<b>21-051-001</b>		
<b>Asset Title</b>	<b>Vehicle 492</b>	<b>Cost Center:</b>	Technical Analysis & Compliance
<b>Asset Location</b>	Field's Point	<b>Amount:</b>	\$ 40,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Other <u>Vehicle rotation</u>
<b>Asset Description:</b>	Replace with electric vehicle will be used to transport goods and people to Bucklin Point, off site meetings, site visits, and conferences.		
<b>Budget Account:</b>	16515 Automotive Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2005</u>	<b>Original estimated useful life:</b>	<u>10 Years</u> <b>Useful life:</b> <u>10 Years</u>




<b>Asset Allocation No.</b>	<b>21-052-001</b>		
<b>Asset Title</b>	<b>Vehicle 386</b>	<b>Cost Center:</b>	Pretreatment
<b>Asset Location</b>	Pretreatment Building	<b>Amount:</b>	\$ 45,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input type="checkbox"/> Other <u>Vehicle rotation</u>
<b>Asset Description:</b>	Inspection Vehicle for staff to use when conducting inspections and investigations.		
<b>Budget Account:</b>	16515 Automotive Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2009</u>	<b>Original estimated useful life:</b>	<u>10 Years</u> <b>Useful life:</b> <u>10 Years</u>




<b>Asset Allocation No.</b>	<b>21-053-001</b>		
<b>Asset Title</b>	<b>Mercury Analyzer</b>	<b>Cost Center:</b>	Laboratory
<b>Asset Location</b>	Water Quality Science Building	<b>Amount:</b>	\$ 65,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input type="checkbox"/> Other _____
<b>Asset Description:</b>	The Mercury Analyzer is used to test permit samples for low level mercury.		
<b>Budget Account:</b>	16575 Lab & Sampling Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2013</u>	<b>Original estimated useful life:</b>	<u>5 Years</u> <b>Useful life:</b> <u>5 Years</u>



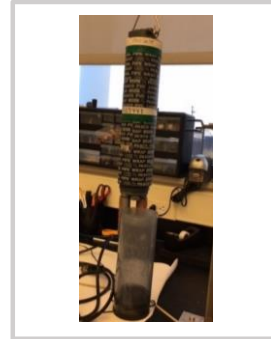
<b>Asset Allocation No.</b>	<b>21-053-002</b>		
<b>Asset Title</b>	<b>Autoclave Sterilizer</b>	<b>Cost Center:</b>	Laboratory
<b>Asset Location</b>	Water Quality Science Building	<b>Amount:</b>	\$ 60,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input type="checkbox"/> Other _____
<b>Asset Description:</b>	The Autoclave Sterilizer is used to sterilize biological media used for permit fecal coliform and enterococci testing.		
<b>Budget Account:</b>	16575 Lab & Sampling Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2011</u>	<b>Original estimated useful life:</b>	<u>7 Years</u> <b>Useful life:</b> <u>7 Years</u>




<b>Asset Allocation No.</b>	<b>21-053-003</b>		
<b>Asset Title</b>	<b>Biological Media Dispenser</b>	<b>Cost Center:</b>	Laboratory
<b>Asset Location</b>	Water Quality Science Building	<b>Amount:</b>	\$ 35,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	The Biological Media Dispenser is used to dispense biological media into test-tubes.		
<b>Budget Account:</b>	16575 Lab & Sampling Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2013</u>	<b>Original estimated useful life:</b>	<u>5 Years</u> <b>Useful life:</b> <u>5 Years</u>



<b>Asset Allocation No.</b>	<b>21-055-001</b>		
<b>Asset Title</b>	<b>Fixed Site Sondes</b>	<b>Cost Center:</b>	Environmental Monitoring
<b>Asset Location</b>	Upper Narragansett Bay	<b>Amount:</b>	\$ 55,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Fixed Site Sondes and associated equipment are used for NBC's fixed site and buoy stations in upper Bay. These will replace antiquated equipment that is no longer supported.		
<b>Budget Account:</b>	16575 Lab & Sampling Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2010</u>	<b>estimated useful life:</b>	<u>10 Years</u> <b>Useful life:</b> <u>10 Years</u>



<b>Asset Allocation No.</b>	<b>21-055-002</b>		
<b>Asset Title</b>	<b>Vehicle 432</b>	<b>Cost Center:</b>	Environmental Monitoring
<b>Asset Location</b>	Field's Point	<b>Amount:</b>	\$ 34,000
<b>Need identified:</b>	<input checked="" type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	The Sampling Vehicle will be used to collect and transport samples within NBC service district.		
<b>Budget Account:</b>	16515 Automotive Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2008</u>	<b>estimated useful life:</b>	<u>10 Years</u> <b>Useful life:</b> <u>10 Years</u>



<b>Asset Allocation No.</b>	<b>21-055-003</b>		
<b>Asset Title</b>	<b>Fixed Site Probes &amp; Meters</b>	<b>Cost Center:</b>	Environmental Monitoring
<b>Asset Location</b>	Upper Narragansett Bay	<b>Amount:</b>	\$ 32,000
<b>Need identified:</b>	<input type="checkbox"/> Asset Management	<input type="checkbox"/> Inspection	<input type="checkbox"/> Other
<b>Asset Description:</b>	Fixed Site Probes, Meters Solutions and associates equipment are use for fixed site and buoy deployments in upper Bay and to provide river data during nutrient sample collections.		
<b>Budget Account:</b>	16575 Lab & Sampling Equipment Replacement		
<b>Type:</b>	REPLACEMENT		
<b>Original date in service:</b>	<u>2015</u>	<b>Original estimated useful life:</b>	<u>5 Years</u> <b>Useful life:</b> <u>5 Years</u>

