

AGENDA

DATE: **Tuesday**, February 20, 2024

TIME: 5:30 PM

PLACE: **By Video Conference and Teleconference**

To facilitate access, members of the public may join a meeting by telephone, Zoom, and/or the City of Norwalk YouTube channel. Specific instructions and links can be found at www.norwalkct.org/meetings.



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Public Hearing:

1. Public Hearing on the Proposed Sewer Use Charges to be effective July 1, 2024 (notice included)

WPCA Regular Meeting:

2. Call to Order
3. Public Input - (Guests at WPCA meetings may speak to any item on the agenda. Comments shall be limited to no more than three (3) minutes per speaker.)
4. Approve the minutes from the WPCA Meeting held on January 16, 2024. (copy included)
5. Approve the Sewer User Rates to be Effective July 1, 2024
6. Approve the Proposed FY 2024-25 Operating Budget (copy attached)
7. Approve the Proposed FY 2024-25 Capital Budget (copy attached)

8. Authorize the Chairman or Vice Chairman of the Water Pollution Control Authority to sign Connecticut DEEP's SRTK Subscriber Agreement as the signatory authority to allow Veolia staff to submit electronic filings.
9. Authorize the allocation of \$250,000 to the Department of Public Works for use on the Storm/Sanitary Sewer Separation Project being administered by the Department of Public Works under the Agreement between the City of Norwalk and M. Rondano, Inc. for Project DRG 2023-3 On-Call Drainage Improvements at Various Locations.

Account Nos. 09204062-5777-C0361 and 09244062-5777-C0361

10. Contract Operations Report:
 - a. Veolia Monthly Operating Report – January 2024 (copy included)
 - b. Notice of Change in Veolia Management and Personnel (letter included)
 - c. Aeration System Instrumentation Project
 - d. Major Repair or Replacement / Out of Scope Items:
 - 1) FST Skimmer Arm Rubber Replacement (copy included)
 - 2) Submersible Mixers (copy included)
 - 3) RAS Pump Upgraded Mechanical Seals (copy included)
 - 4) Upgraded HVAC Controls – Building 2 (copy included)
 - 5) Arc Flash Study - 5-yr (copy included)
11. Reports:
 - a. FY23/24 Revenues/Expenditures MUNIS Reports (copy included)
 - b. Discussion on WPCA Engineering Projects:
 - 1) Catch Basin Disconnect Program
 - 2) Hubbell's Lane Relief Sewer
 - 3) Keeler Brook PS Replacement
 - c. Discussion on WPCA Construction Projects
 - 1) Collection – Sammis and Bell Island Sewershed Rehabilitation
 - 2) Collection – Dreamy Hollow Project
 - 3) PS - Five Mile, Old Trolley Way, Karen Dr., and Woodward Ave. Rehabilitation
 - d. Sewer Use Bill Appeals/Adjustments Update
 - 1) Appeal status
 - e. Information Copies:
 - 1) 2023 CSO Report (copy included)
12. Adjournment

Next WPCA Meeting: **Monday, March 18, 2024, 5:30 PM**
By Video Conference and Teleconference

LEGAL NOTICE

NOTICE IS HEREBY GIVEN that the Water Pollution Control Authority for the City of Norwalk will hold a Public Hearing on Tuesday, February 20, 2024, at 5:30 PM via By Video Conference and Teleconference on:

WATER POLLUTION CONTROL AUTHORITY
City of Norwalk, Connecticut
PROPOSED SEWER USER CHARGES
To Be Effective July 1, 2024

There is hereby established in accordance with Section 7-255 of the Connecticut General Statutes a sanitary sewer user charge for sanitary sewer service furnished by the Water Pollution Control Authority for the City of Norwalk. The following sanitary sewer user charges apply within City limits only. The charges to be made by the Water Pollution Control Authority for sewer services to property located outside the limits of the City shall be established on the basis of formal contract with the City, the charges shown in said contract to be not less than actual costs to the City and said contracts to be approved by the Water Pollution Control Authority in accordance with Section 7-247 of the Connecticut Statutes.

USE CLASSIFICATION	CURRENT RATE	PROPOSED RATE
Residential:		
▪ Single Family	\$396.00	\$414.00
▪ Two Family	\$792.00	\$828.00
▪ Three Family	\$1,188.00	\$1,242.00
▪ Four Family	\$1,584.00	\$1,656.00
▪ Apartment/Condominium Unit	\$396.00	\$414.00
▪ In-Law Unit/Accessory Apartment	\$198.00	\$207.00
Commercial and Mixed Use Properties (up to 110,000 gallons)	\$566.00	\$592.00
Commercial and Mixed Use Properties (over 110,000 gallons)	\$566.00 plus \$10.22 per 1,000 gallons over 110,000 gallons	\$592.00 plus \$10.68 per 1,000 gallons over 110,000 gallons

Use classification is based on the Tax Assessor's Land Use Codes (LUCs) as follows⁽¹⁾:

- Residential: 100, 101, 101V, 102, 103, 104, 105, 105V, 106, 107, 108, 109, 113V, 152, 172, 911, 957, 962, 963, 965, 976N, 979, 979N
- Commercial and Mixed-Use: 1, 108C, 182, 200V, 201V, 203V, 205V, 206V, 211V, 300, 301, 305, 400, 401, 410, 718, 720, 900, 902, 904, 909, 916, 917, 918, 920V, 921V, 922V, 923V, 924, 925, 926, 927, 928, 931, 933V, 934V, 935V, 938, 946, 946N, 947, 948, 950, 951V, 952, 955, 961V, 964, 967, 969, 970, 975, 977, 980, 981V, 936

⁽¹⁾ Parcels that have both residential and commercial LUCs are classified as "Commercial and Mixed-Use" for billing

Temporary Discharge	\$10.22 per 1,000 gallons	\$10.68 per 1,000 gallons
Industrial Pretreatment Program (IPP) Registration (includes industrial dischargers and food preparation establishments)	Fee is Waived	Fee is Waived
Industrial Pretreatment Program (IPP) Fees		
Administration Fee:	\$250.00	\$250.00
High Strength Surcharge Fee (sample results exceeding 250 mg/l for BOD and/or TSS, or 100 mg/l for O&G):	\$250.00	\$250.00
Noncompliance Fee:	\$500	\$500
<u>IPP Fee (Total):</u>		
<i>IPP Fee (\$) = Administrative Fee (\$) + High Strength Surcharge Fee (\$) (if applicable) + noncompliance fee (\$) (if applicable)</i>		
Late Payment Interest	1.5% per month or fraction thereof, 18% per annum	
Returned Check Fee	\$20	

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**CITY OF NORWALK
WATER POLLUTION CONTROL AUTHORITY VIA ZOOM VIRTUAL
VIDEOCONFERENCE AND TELECONFERENCE
REGULAR MEETING
January 16, 2024**

Attendance: Darren Oustafine, Chairman
John Igneri
Barbara Smyth
John Bove
James Frayer
Chris Mannella

Staff: Ralph Kolb, WPCA Senior Environmental Engineer
Chris Torre, DPW Superintendent of Operations
Tom Ellis, Director, Office of Management and Budgets

Others: Mathew Brown, Project Manager, Veolia
Ross Gambino, Asst. Project Manager, Veolia
Jim Aiken, Woodard & Curran
Anthony Catalano, Woodard & Curran
Ken Kohlbrenner, Woodard & Curran

1. CALL TO ORDER

Mr. Oustafine called the meeting to order at 5:30PM.

2. PUBLIC INPUT- (GUESTS AT WPCA MEETINGS MAY SPEAK TO ANY ITEM ON THE AGENDA. COMMENTS SHALL BE LIMITED TO NO MORE THAN THREE (3) MINUTES PER SPEAKER)

There were no public comments this evening.

3. APPROVE THE MINUTES FROM WPCA MEETING HELD ON DECEMBER 18, 2023. (COPY INCLUDED)

On page 2, Item 2 change "AMY" to MAY"

**** MR.IGNERI MOVED TO APPROVE THE MINUTES AS AMENDED.**

**** THE MOTION PASSED WITH FOUR (4) IN FAVOR AND TWO (2) ABSTENTIONS- MS. SMYTH AND MR. FRAYER**

4. AUTHORIZE THE CHIEF OF OPERATIONS AND PUBLIC WORKS TO ISSUE ORDERS ON CONTRACT WITH COLONNA CONCRETE & ASPHALT PAVING LLC. FOR THE PROJECT DRG 2021-1 DREAMY HOLLOW/ BETTS BROOK AREA DRAINAGE, SANITARY SEWER & WATER MAIN IMPROVEMENTS PROJECT FOR AN AMOUNT NOT TO EXCEED \$250,000. (DRAWING INCLUDED)

ACCOUNT NO. 09244062-5777-C0361

Mr. Kolb said that DPW's project in the Dreamy Hollow area is to improve stormwater drainage, but in addition to that they have been doing sanitary sewer improvements and the change order that is being requested will provide two catch basins on Dry Hill Road to be disconnected from the sanitary sewer and reconnected to the storm drain system. In addition to those two catch basins there are three dry wells at the intersection of Rustic Lane and Dry Hill Road that will be tied to a new storm drainage system so additional drainage improvements will be made. Mr. Oustafine asked if there would be any funding from Public Works. Mr. Kolb said "no" and that this was a request made by WPCA staff because we are trying to disconnect catch basins that are tied to the sanitary sewer and meet our long-term goal with the state regarding the Consent Order.

****MS. SMYTH MOVED TO APPROVE THE ITEM.**

**** THE MOTION PASSED UNANIMOUSLY.**

5. SCHEDULE PUBLIC HEARING FOR PROPOSED FY 2024-25 SEWER USE RATES ON TUESDAY, FEBRUARY 20, 2024, AT 5:30PM.

**** MR. FRAYER MOVED TO APPROVE TO SCHEDULE A PUBLIC HEARING ON FEBRUARY 20, 2024, AT 5:30PM.**

**** THE MOTION PASSED UNANIMOUSLY.**

6. FINANCIAL MODEL UPDATE (PRESENTATION BY WOODARD AND CURRAN)

Mr. Kolb said the WPCA's financial model was created several years ago to take in our plan for the wastewater treatment plant, the collections system, and the pump stations. Woodard and Curran were contracted by the WPCA and have been doing updates annually and they have updated the financial model and rates for fiscal year 2024-2025 and the proposed rate is 4.5%.

Mr. Kohlbrenner presented the financial model and said the financial plan covers a forecast period of five years, from fiscal year 2025 through fiscal year 2029. The revenues and expenses in fiscal year 2024 were based on the WPCA's fiscal year 2024 approved budget, and operating reserve target equal to at least seven months of the annual operating budget. The debt service coverage is equal to at least 1.05 times the annual debt service on all outstanding debt, and the rate increase will be in effect the first day of the fiscal year. There is no projected growth or decline in customer accounts or flows and there was an update this year in terms of the Wilton interconnection increase to \$800,000 per year. He said they have projected a 3.5% increase for expenses going forward but are all adjustable with the model, and there will be two new hires in fiscal year 2025 that have been captured in the budget, and the large pieces in terms of the capital improvement program are just over \$37 million dollars for sanitary sewer collection rehabilitation work and \$30 million dollars for wastewater treatment plant work which have been built into the model over the next few years based on when the work will be anticipated.

Mr. Kohlbrenner said the objectives are to maintain a minimum operating cash reserve and debt service and fully fund the ongoing operating expenses, capital projects, and the future debt service with the current revenues. He said the proposed increases over the next five years are 4.5% for the next two years and 4.0% going forward and with the proposed rate structures and a seven-month buffer will be maintained to plan effectively going forward. He said in terms of a single-family residence the current annual fee is \$396 and would increase \$18 to \$20 per year.

Ms. Smyth said last year she recalls the WPCA approving the sewer use fee increases and there was a forecast of five years or so and asked if anything has changed since then and if the percentage increases are the same as what were projected last year. Mr. Kohlbrenner said he believes they were in the same range of 4% but what has changed is projecting some of the wastewater treatment plant and collection system costs. Mr. Kolb said we have finalized and submitted the wastewater treatment plant facility plan update to the state at the end of September and those numbers were a little bit higher than what was anticipated last year mostly due to the cost of inflation.

Mr. Frayer asked if the capital expenditures that are built into the model include a provision for inflation. Mr. Kolb said that both the facility plan update for the wastewater treatment plant and collection system the projected projects that have been proposed to the state have fairly high contingencies and staff likes to run the model annually because there are a lot of different dynamics that go into the model to make adjustments as needed, and the model does not include any potential grants or low interest loans from the state that have been applied for and are hoping to receive in the near future. Mr. Frayer asked if there are any other funds available from the state. Mr. Kolb said "yes" there are through the Clean Water Fund and have recently applied for seven projects this year, but they need to rank a certain priority and where they are ranked in comparison to other municipalities. Mr. Frayer asked if there is someone on staff that works on the grant applications. Mr. Kolb said the WPCA works with the city's grant coordinator and has consultants such as Brown and Caldwell and Woodard and Curran for collections and ARCADIS for the wastewater treatment plant which help to write the grant which is then run by the city's grant coordinator as that is the city policy. Mr. Catalano said if the city needs any support, they have a grant and funding team and would be happy to support the WPCA.

7. CONTRACT OPERATIONS REPORT:

a. Veolia Monthly Operating Report-December 2023 (copy included)

Mr. Brown presented and said the Veolia collection system team completed 1.7 miles of TV inspections along with the cleaning of just under two miles of sewer lines, and 2.5 miles of SLRAT inspections. He said the IPP inspection program conducted 45 inspections.

Mr. Brown said there is an ongoing instrumentation project for the aeration basins for further process control. The contractor has completed the installation of the conduit and devices and is currently waiting for Aaron Associates to install the panel, which should be completed in the next four to six weeks.

Mr. Brown said that December was a very wet month, and the facility did have two CSO events for the activation of Outfall 002 at the wastewater treatment plant when flows exceeded 30 MGD. He said on December 18th the system activated for 8 hours and 30 minutes but only discharged approximately 1.07 million gallons over that duration and all sampling and reporting was completed in accordance with the permit. He said the second storm was on December 28th and the system activated for 7 hours and 19 minutes but only discharged 1.79 million gallons and all sampling and reporting was completed, and all of the sampling was in compliance.

Mr. Brown said that the average daily flow for the wastewater treatment plant was 16.9 and was elevated due to the rain events and the 180-day average flow is approximately 13 million gallons per day.

b. Major Repair or Replacement/ Out of Scope Items:

1) Aeration Tank Stairs (copy included)

Mr. Brown said the current stairs that lead up to the primary tanks and aeration tanks at the facility are long out of code and are falling apart and have worked with WPCA staff and have procured prefabricated stairs and weather permitting AJ Penna will install a concrete pad and will have a new area of egress to the aeration and primary tanks.

8. REPORTS

a. FY 23/24 Revenues/Expenditures MUNIS Reports (copy included)

There was no discussion.

b. Draft FY 24/25 Capital Budget and Operating Budget (copies included)

Mr. Kolb reported and said as noted in the draft operating budget the anticipated sewer use charges were increased by 4.5% from last year. He also noted that approximately \$800,000 will be collected from the Wilton Interlocal Agreement which is an increase from \$600,000 due to increased flow and the increase in the operating budget. There is a slight decrease in nitrogen credits as there is not much in nitrogen incentives or credits to convince municipalities to spend

millions of dollars to enhance nitrogen because they are achieving the Long Island Sound goals with the adjacent states.

Mr. Kolb reported on the capital budget and said as mentioned earlier for the collections system over the next five years is just over \$37 million dollars and \$30 million dollars for the wastewater treatment plant and for this coming fiscal year the collections system is \$13.35 million dollars, and the wastewater treatment plant is \$10 million dollars. Mr. Ellis asked if the \$23.35 million dollars will be spread over the next few years. Mr. Kolb said that is the budget request but not the cash flow so the wastewater treatment plant will be pushed out a few years because we have submitted both the collections system and facility plan for the wastewater treatment plant to the DEEP, but they have not responded on either reports so the first step is to get an approval letter from the state and once that is received we can then move into design which will also need to be submitted to the state for the approval to proceed with construction but will need to be ready to proceed as quickly as possible. Mr. Ellis said his concern is the approved but unbonded projects which there are quite a few of citywide and that is one of the limits the rating agencies look at and we are getting close to that limit. Mr. Frayer said that is also his concern and it is a delicate balancing job that Mr. Ellis and the finance team need to do to be sure we stay within a reasonable level.

c. Discussion on WPCA Engineering Projects:

1) Catch Basin Disconnect Program

Mr. Kolb said the WPCA board approved one project on Dry Hill Road earlier this evening so that is two catch basins and in total there are approximately 75 known catch basins that are connected to the sanitary sewer, and some are on state roads and CTDOT has been put on notice so they will be developing some projects to disconnect those from the city's sanitary design. He said we are also in design and took 38 critical catch basins that were identified and just completed the basis of design report which takes us to about 30% design for feasibility on disconnecting those 38 catch basins from the city's sanitary sewer and connect them to the city's stormwater system.

2) Hubbell's Lane Relief Sewer

Mr. Kolb said a 36" pipe will be installed down Hubble's Lane to take flow from East Avenue and East Wall Street to relieve sewer on Wall Street and Smith Street, and where it ties into Smith Street there is currently a 36" pipe and would increase it to a 60" pipe and are currently at 30% design and both of these projects are part of the five year Consent Order program with the state.

3) Keeler Brook PS Replacement

Mr. Kolb said the design is basically done and the legal team is currently working with Eversource for a new easement on their property so a new pump station can be built. He said once the station is completed the existing pump station would be demolished and the easement would be released back to Eversource.

d. Discussion on WPCA Construction Projects

1) Collection - Sammis and Bell Island Sewershed Rehabilitation (copy included)

Mr. Kolb said this is a lining project and will be lining approximately 48,000 ft of sanitary sewer mains up to 24-inches in diameter and are mostly in the Sammis and Bell Island Sewershed area, but there are other areas throughout the city at miscellaneous locations. He said Insituform will be doing the work on the project, and it is a 555-day construction project and there was a kickoff meeting held a few weeks ago and they will be bringing trucks in over the next few weeks to begin cleaning and televising the pipes to be lined. He said there are two associations in Bell Island that staff has been coordinating with.

2) Collection- Dreamy Hollow Project

Mr. Kolb said a majority of the work has been completed and the contractor is currently on Saddle Road finishing some of the sanitary sewer work and continuing to work on the storm drain system.

3) PS- Five Mile, Old Trolley Way, Karen Dr., and Woodward Ave. Rehabilitation

Mr. Kolb said that three out of the four pump stations are completed and are working at Woodward Avenue to repair a concrete wall, and the main work is at the Old Trolley Way pump station and Kovacs Construction and their subcontractors have mobilized and anticipate the work to be completed in approximately three to four months.

e. Sewer Use Bill Appeals/Adjustments Update

1) Appeal Status

Mr. Kolb said the appeals to date are \$ 52,421

f. Information Copies: None

9. ADJOURNMENT

**** MR.IGNERI MOVED TO ADJOURN.**

**** THE MOTION PASSED UNANIMOUSLY.**

The meeting was adjourned at 6:11PM.

Respectfully submitted,

Dilene Byrd

City of Norwalk
WATER POLLUTION CONTROL AUTHORITY
Draft FY 2024-25 Operating Budget Summary

REVENUES (224062)

ACCOUNT	DESCRIPTION	APPROVED FY 23-24	PROJECTED ACTUAL FY 23-24	PROPOSED FY 24-25
Sewer Use Charges				
4513	Norwalk Customers ¹	\$ 18,585,000	\$ 18,785,000	\$ 19,642,000
4521	Wilton Interlocal Agreement ²	\$ 17,940,000	\$ 17,940,000	\$ 18,747,000
4522	Other Contract Customers	\$ 600,000	\$ 800,000	\$ 850,000
		\$ 45,000	\$ 45,000	\$ 45,000
Other Revenues				
452C	Industrial Pretreatment Surcharge ³	\$ 869,863	\$ 865,489	\$ 853,506
452D	Sewer Connection Fees	\$ 175,000	\$ 190,000	\$ 175,000
452E	Industrial Pretreatment Interest	\$ 150,000	\$ 150,000	\$ 150,000
4451	Sewer Permits	\$ 5,000	\$ 5,000	\$ 5,000
4807	Reimbursement of Expenses	\$ 1,500	\$ 1,500	\$ 1,500
4453	Septage Haulers Licenses	\$ 1,000	\$ -	\$ 1,000
4516	Septage Disposal Fees	\$ 1,200	\$ 1,200	\$ 1,200
4121	Nitrogen Credits ⁴	\$ 175,000	\$ 175,000	\$ 175,000
4901	Investment Income ⁵	\$ 50,000	\$ 31,626	\$ 30,000
4051	Interest on Delinquent Accounts ⁶	\$ 110,000	\$ 110,000	\$ 110,000
489F	Reimbursement for Indirect Expenses ⁷	\$ 65,000	\$ 65,000	\$ 65,000
		\$ 136,163	\$ 136,163	\$ 139,806
TOTAL \$		\$ 19,454,863	\$ 19,650,489	\$ 20,495,506

¹ Rate increase of 4.5%, which is an increase of \$18 residential; \$26 commercial; \$0.46/1000 gallons commercial consumption per WPCA Financial Model.

Includes annual adjustments and a 98.2% collection rate per Tax Collector's Office and may fluctuate based upon economic conditions.

² Billed on actual metered wastewater flow. Varies based on audited expenditures.

³ Registration fees are waived in FY23/24. No change in IPP rates.

⁴ Nitrogen FY23/24 credits estimated based on past CTDEEP credit sharing.

⁵ Per Comptroller.

⁶ Per Comptroller.

⁷ Salaries, benefits and other direct costs for WPCA support services, City Sewer Use Fee, IPP/FOG billing and stormwater O&M.

City of Norwalk
WATER POLLUTION CONTROL AUTHORITY
Draft FY 2024-25 Operating Budget Summary

EXPENDITURES (224062)

ACCOUNT	DESCRIPTION	APPROVED FY 23-24	PROJECTED ACTUAL FY 23-24	PROPOSED FY 24-25
	Personnel/Benefits			
5110	Wages & Salary - Regular ¹	\$ 831,469 \$	831,469 \$	1,219,488
5428	Employee Benefits	\$ 452,915 \$	452,915 \$	706,026
5120	Wages & Salary - Overtime	\$ 241,404 \$	241,404 \$	376,312
5140	Wages & Salary - Part-time	\$ 100,000 \$	100,000 \$	100,000
5150	Longevity	\$ 36,000 \$	36,000 \$	36,000
		\$ 1,150 \$	1,150 \$	1,150
5258	Operations & Maintenance Fees ²	\$ 10,430,000 \$	10,430,000 \$	10,795,100
5651	Indirect Expenses ³	\$ 692,807 \$	692,807 \$	763,653
5241	Electricity ⁴	\$ 1,553,000 \$	1,553,000 \$	1,607,400
5298	Other Contractual Services	\$ 250,000 \$	250,000 \$	250,000
5252	Legal Services	\$ 250,000 \$	250,000 \$	250,000
	Administration			
5286	Business Expense (General Office / Billing Costs)	\$ 94,000 \$	94,000 \$	94,000
5245	Telephone	\$ 32,000 \$	32,000 \$	32,000
5741	IT Hardware / Software	\$ 2,000 \$	2,000 \$	2,000
		\$ 60,000 \$	60,000 \$	60,000
5235	Professional Dues/Memberships	\$ 10,000 \$	10,000 \$	10,000
5295	Training/Conferences	\$ 20,000 \$	20,000 \$	20,000
5418	Property Insurance/Liability Premium Worker's Compensation ⁵	\$ 140,086 \$	140,086 \$	88,950
5789	Replacement Reserve - Wilton's portion per agreement	\$ - \$	- \$	-
5789	Replacement Reserve - Norwalk ⁶	\$ 963,598 \$	- \$	261,095
5521	Debt Service - Principal	\$ 3,208,420 \$	3,208,420 \$	3,248,691
5522	Debt Service - Interest	\$ 1,011,484 \$	1,011,484 \$	1,887,129
	TOTAL \$	19,454,863 \$	18,491,265 \$	20,495,506

¹ Includes step and COL increases. Includes 2 new positions for FY24/25.

² Includes a 3.5% increase on base service fee, contract incentives, and a 5% contingency for contract components (pass-through and extraordinary items).

³ Salaries, benefits and other direct costs for City support services including Finance Department (CFO, Tax Collector, Comptroller, IT/GIS, Purchasing, and Management & Budgets), Customer Service, and DPW Engineering.

⁴ Assumes 3.5% increase over previous year.

⁵ Per Risk Management and Finance Department

⁶ Funds to be used for rate stabilization in future years related to multiple collection system, WWTP, and pump station projects included in WPCA Financial Model.

Does not include \$850K for transfer by WPCA Board for unanticipated expenses.

Capital Improvement Projects

WPCA

Summary Page

#	Project Title	Project	2025	2026	2027	2028	2029	Total
1	COLLECTIONS SYSTEM REHABILITATION	C0361	\$13,350,000	\$7,600,000	\$7,600,000	\$4,250,000	\$4,250,000	\$37,050,000
2	PUMP STATION UPGRADE/REPLACEMENT	C0361	\$0	\$0	\$250,000	\$250,000	\$250,000	\$750,000
3	WWTP REHABILITATION/IMPROV FMENT	C0791	\$10,000,000	\$10,000,000	\$10,000,000	\$0	\$0	\$30,000,000
Total			\$23,350,000	\$17,600,000	\$17,850,000	\$4,500,000	\$4,500,000	\$67,800,000



Capital Budget Form

Division WPCA
Department
Project Status EXISTING
Project ID C0361
Project Name COLLECTIONS SYSTEM REHABILITATION
Project Life 50
Schedule Start
Schedule Completion
Ranking # 1

POCD Code: 11.1.A

Alignment with Plan of Conservation & Development

Establish systems for municipal assets and capital improvements.

Is this request for new construction/equipment?

Yes	No
☐	☒

Is this request for replacement/refurbishment ?

☒	☐
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Project Description

#	FYE	Description	Amount	Justification
1	2025	Collections System Rehabilitation	\$ 13,350,000	Sewer Capital improvement projects rehabilitating the city's 200 miles of sanitary sewer based on various inspections reviews.
2	2026	Collections System Rehabilitation	\$ 7,600,000	Sewer Capital improvement projects rehabilitating the city's 200 miles of sanitary sewer based on various inspections reviews.
3	2027	Collections System Rehabilitation	\$ 7,600,000	Sewer Capital improvement projects rehabilitating the city's 200 miles of sanitary sewer based on various inspections reviews.
4	2028	Collections System Rehabilitation	\$ 4,250,000	Sewer Capital improvement projects rehabilitating the city's 200 miles of sanitary sewer based on various inspections reviews.
5	2029	Collections System Rehabilitation	\$ 4,250,000	Sewer Capital improvement projects rehabilitating the city's 200 miles of sanitary sewer based on various inspections reviews.
Project Total			\$ 37,050,000	

Expenditure/Revenue Schedule

Expenditures	2024-25 REQ	2025-26 REQ	2026-27 REQ	2027-28 REQ	2028-29 REQ	Total
Engineering/Design	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Site Costs & Acquisition	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Construction (includes remediation)	\$ 13,350,000	\$ 7,600,000	\$ 7,600,000	\$ 4,250,000	\$ 4,250,000	\$ 37,050,000
Equipment/Materials	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Other/Contingency	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total Expenditures	\$ 13,350,000	\$ 7,600,000	\$ 7,600,000	\$ 4,250,000	\$ 4,250,000	\$ 37,050,000
Net Appropriations	\$ 13,350,000	\$ 7,600,000	\$ 7,600,000	\$ 4,250,000	\$ 4,250,000	\$ 37,050,000

Capital Budget Form

Division WPCA
Department
Project Status EXISTING
Project ID C0381
Project Name PUMP STATION UPGRADE/REPLACEMENT

POCD Code: 11.1.A

Alignment with Plan of Conservation & Development

Establish systems for municipal assets and capital improvements.

Project Life

Schedule Start

Schedule Completion

Ranking # 2

Yes No

Is this request for new construction/equipment?

☐ ☒

Is this request for replacement/refurbishment ?

☒ ☐

Project Description

#	FYE	Description	Amount	Justification
1	2027	Pump Station Upgrade/Replacement	\$ 250,000	Upgrade/Rehabilitation various stations to ensure sanitary sewage is conveyed to WWTP without interruption of service.
2	2028	Pump Station Upgrade/Replacement	\$ 250,000	Upgrade/Rehabilitation various stations to ensure sanitary sewage is conveyed to WWTP without interruption of service.
3	2029	Pump Station Upgrade/Replacement	\$ 250,000	Upgrade/Rehabilitation various stations to ensure sanitary sewage is conveyed to WWTP without interruption of service.
Project Total			\$ 750,000	

Expenditure/Revenue Schedule

Expenditures	2026-27 REQ	2027-28 REQ	2028-29 REQ	2029-30 REQ	2030-31 REQ	Total
Engineering/Design	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Site Costs & Acquisition	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Construction (includes remediation)	\$ 250,000	\$ 250,000	\$ 250,000	\$ 0	\$ 0	\$ 750,000
Equipment/Materials	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Other/Contingency	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total Expenditures	\$ 250,000	\$ 250,000	\$ 250,000	\$ 0	\$ 0	\$ 750,000
Net Appropriations	\$ 250,000	\$ 250,000	\$ 250,000	\$ 0	\$ 0	\$ 750,000

Capital Budget Form

Division WPCA
Department
Project Status EXISTING
Project ID C0791
Project Name WWTP REHABILITATION/IMPROVEMENT
Project Life
Schedule Start
Schedule Completion
Ranking # 3

POCD Code: 11.1.A

Alignment with Plan of Conservation & Development

Establish systems for municipal assets and capital improvements.

Is this request for new construction/equipment?

Yes No
☐ ☒

Is this request for replacement/refurbishment ?

☒ ☐

Project Description

#	FYE	Description	Amount	Justification
1	2025	WWTP Rehabilitation/Improvement	\$ 10,000,000	Implement long-term rehabilitation and improvements at the WWTP.
2	2026	WWTP Rehabilitation/Improvement	\$ 10,000,000	Implement long-term rehabilitation and improvements at the WWTP.
3	2027	WWTP Rehabilitation/Improvement	\$ 10,000,000	Implement long-term rehabilitation and improvements at the WWTP.
Project Total			\$ 30,000,000	

Expenditure/Revenue Schedule

Expenditures	2024-25 REQ	2025-26 REQ	2026-27 REQ	2027-28 REQ	2028-29 REQ	Total
Engineering/Design	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Site Costs & Acquisition	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Construction (includes remediation)	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 0	\$ 0	\$ 30,000,000
Equipment/Materials	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Other/Contingency	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total Expenditures	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 0	\$ 0	\$ 30,000,000
Net Appropriations	\$ 10,000,000	\$ 10,000,000	\$ 10,000,000	\$ 0	\$ 0	\$ 30,000,000

Norwalk Water Pollution Control Authority
Executive Summary
January 2024

EXECUTIVE SUMMARY

January Highlights

- The Veolia collections system team completed 1.59 miles of TV inspection, the cleaning of 1.99 miles of sewer lines, 133 Manhole Inspections, and 7.24 miles of SL Rat.
- The IPP inspection program conducted 47 inspections.
- The Instrumentation Project on the aeration basins continues. The SCADA contractor delivered the panel and installed it on.
- Blend Tank #1 was put back in service in January. We are waiting on the SCADA contractor to install and program the level controllers to fully complete this project.
- A significant rain event led to the activation of the 002 outfall on January 9, 2024. The system activated for 15 hours and 33 mins and discharged 4.27 MG over the duration of the event. All sampling, analysis, and reporting was completed in accordance with the permit and standard operating procedures.

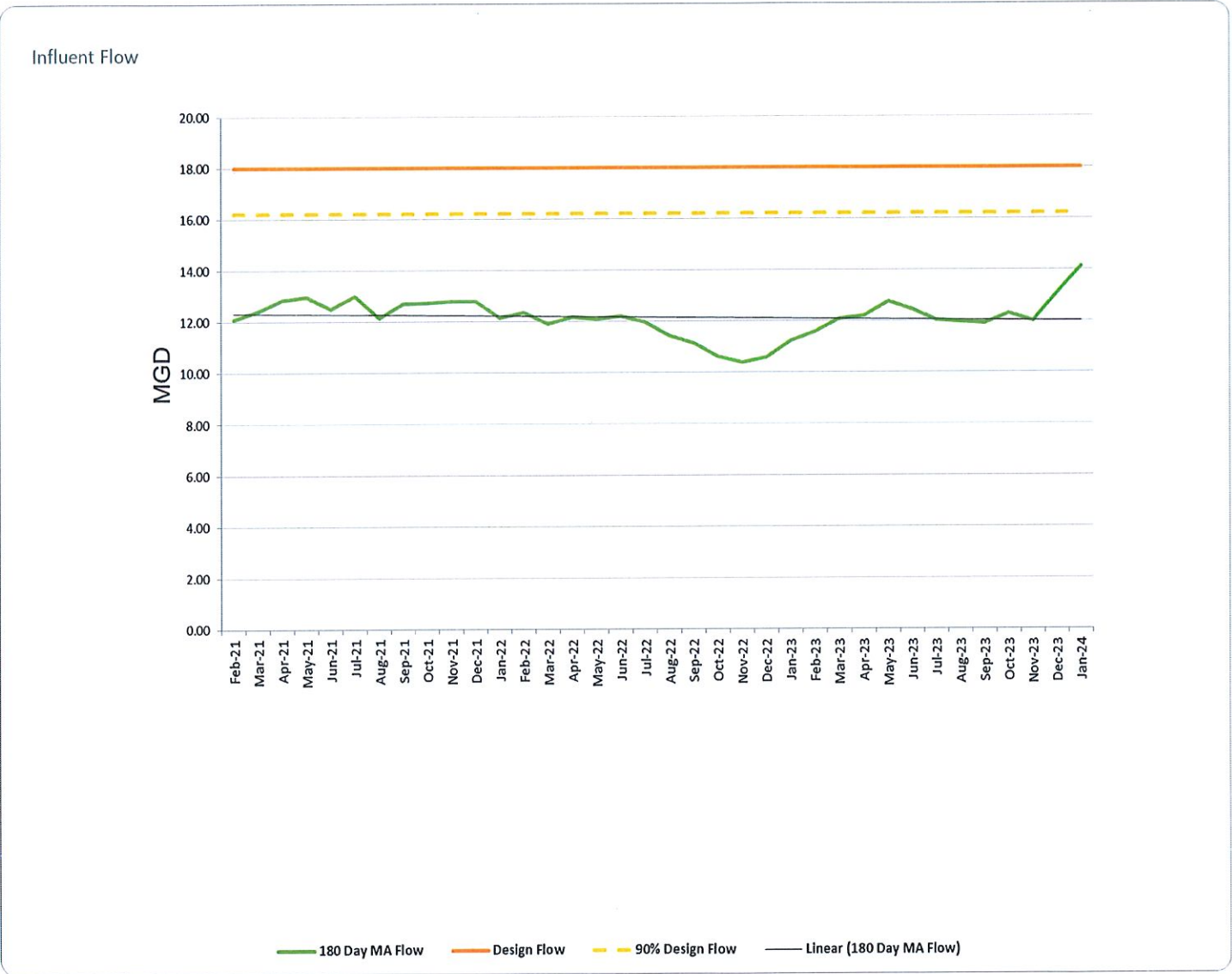
Regulatory Events

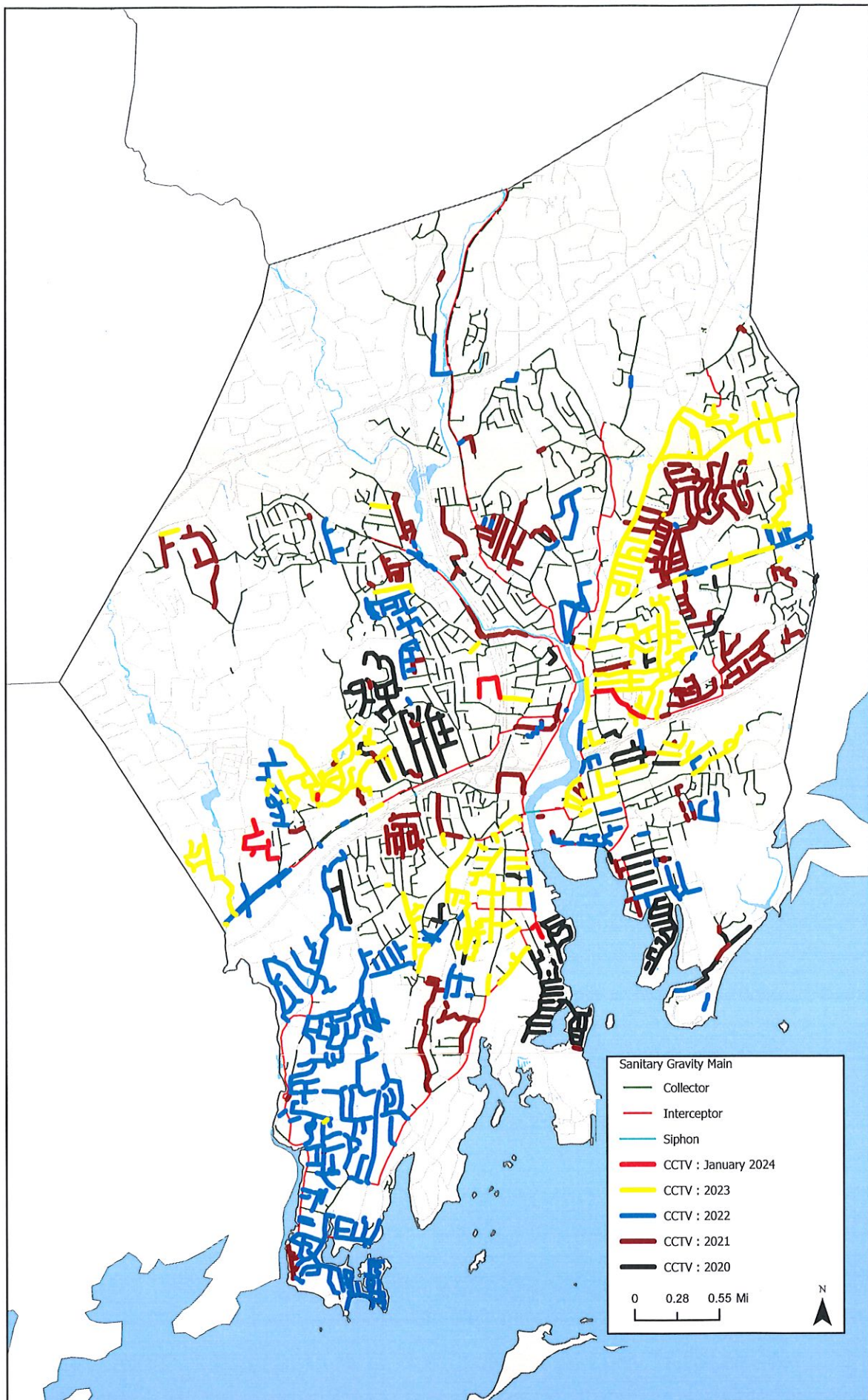
- The Facility was in compliance with all permit requirements for the month of January.
- The netDMR, MOR, and NAR reports were submitted to CT-DEEP and EPA in January.

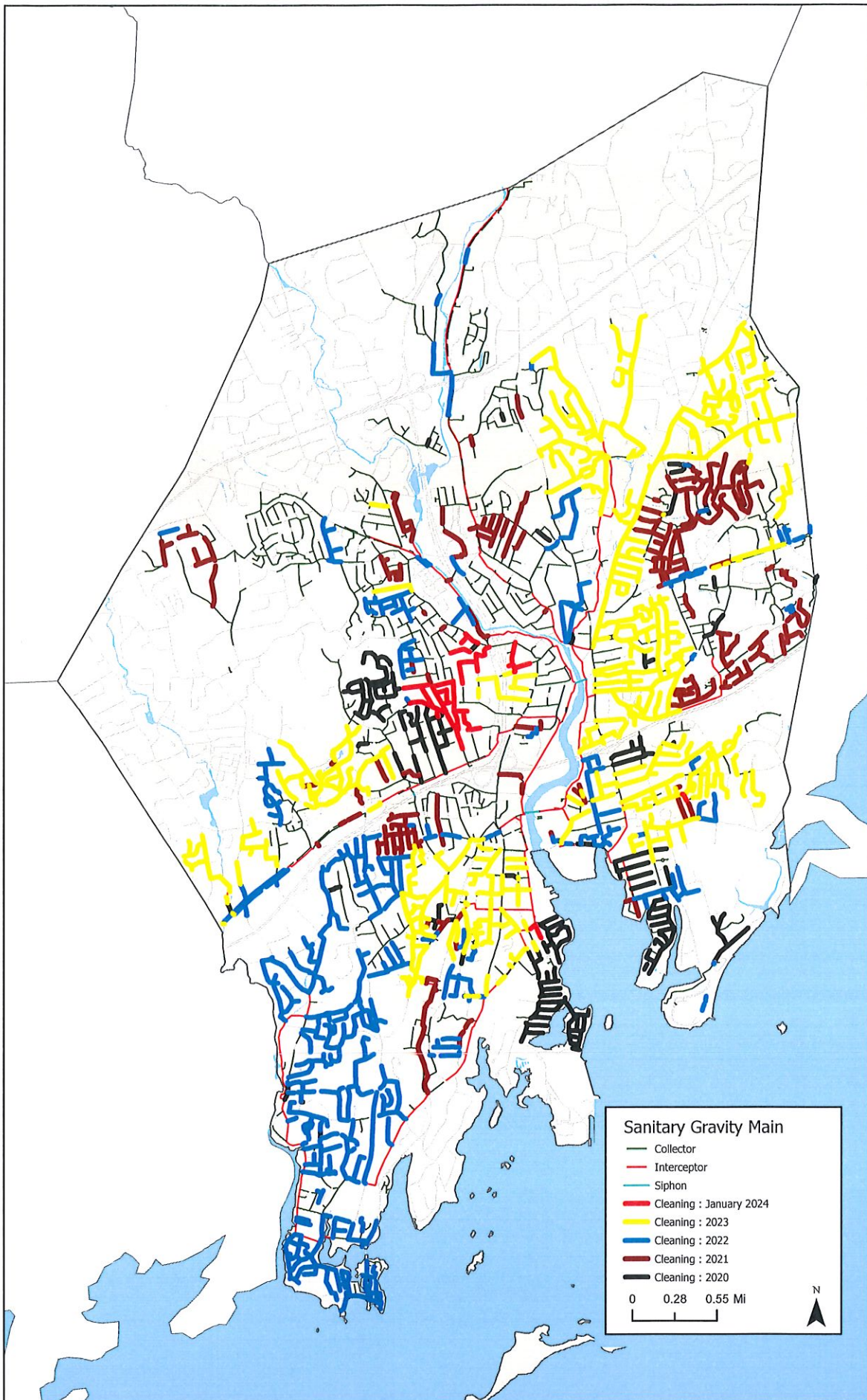
EXECUTIVE SUMMARY - Key Operational Parameters

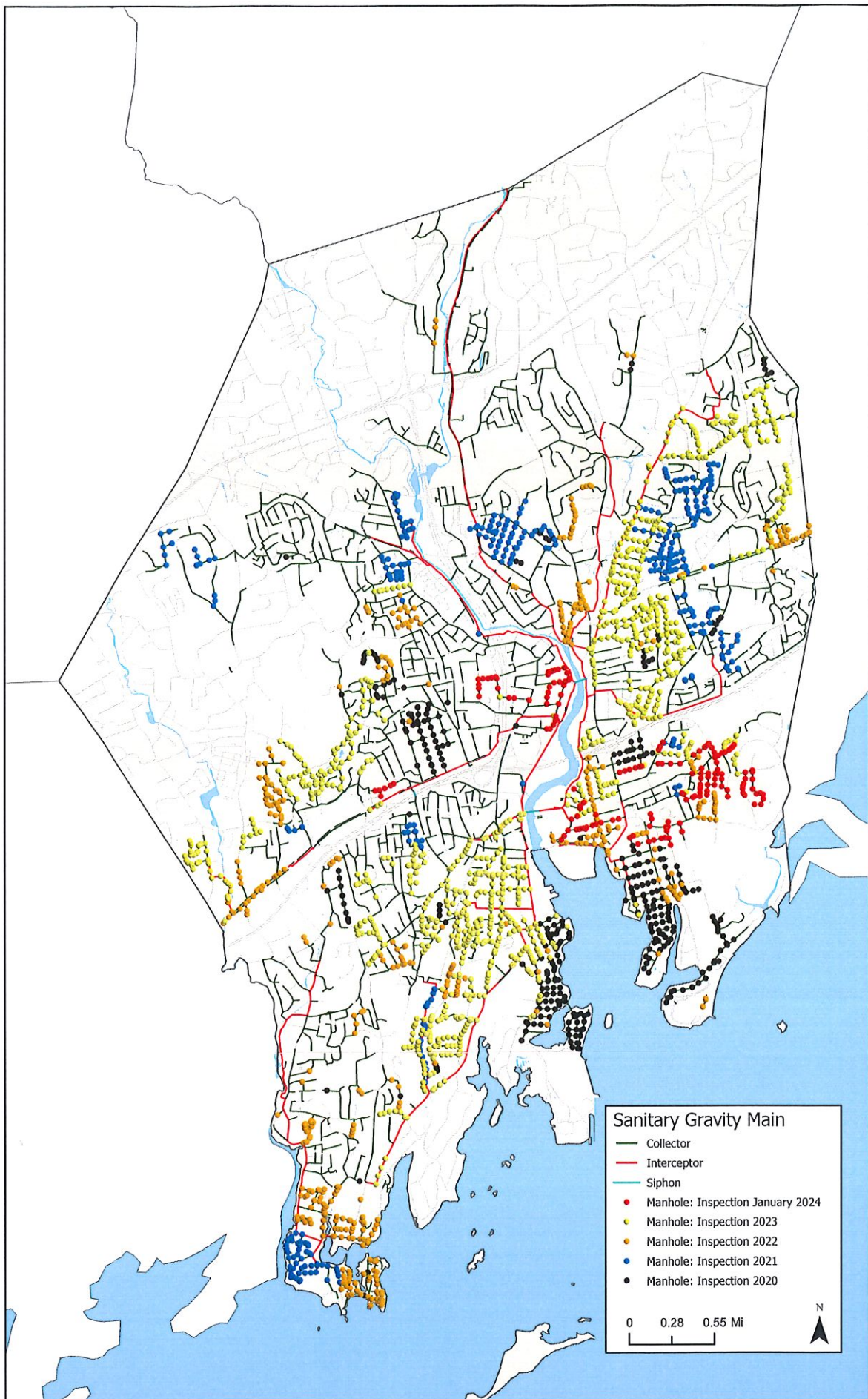
Parameter	Units	January Result	CYTD Result	Contract Limit
Average Daily Flow	MGD	18	n/a	n/a
180 Day Average Daily Flow	MGD	14.13	n/a	n/a
Effluent BOD	mg/l	5.1	n/a	10
Effluent TSS	mg/l	4.6	n/a	10
Effluent Fecal Coliform	# / 100 ml	3	n/a	10
Effluent Enterococci	# / 100 ml	10	n/a	30
Effluent Total Chlorine	mg/l	0.01	n/a	0.07
Effluent Total Nitrogen	lbs/day	998	n/a	1,000
Biosolids Quality (cake)	% solids	23.1	n/a	n/a
Biosolids Disposal (cake)	DT/month	221	n/a	n/a
Biosolids Disposal (liq)	DT/month	58	n/a	n/a
Biosolids Disposal (total)	DT/month	279	n/a	n/a
Grit and Screenings	WT/month	8	n/a	n/a
Chemicals – Hypochlorite	gal/month	7100	n/a	n/a
Chemicals – Bisulfite	gal/month	6775	n/a	n/a
Chemicals – Polymer	gal/month	1300	n/a	n/a
Chemicals – Odor C21ontrol	gal/month	0	n/a	n/a
Sewer Cleaning	Miles	1.99	19.46	3 miles (avg)
CCTV Inspection	Miles	1.53	19.87	2 miles (avg)
Odor Complaints	#	0	n/a	0
SL-RAT Inspection	Miles	7.24	10.89	60 months
Manhole Inspections	#	133	401	50/m
IPP Inspections	#	47	271	Approx. 500/year

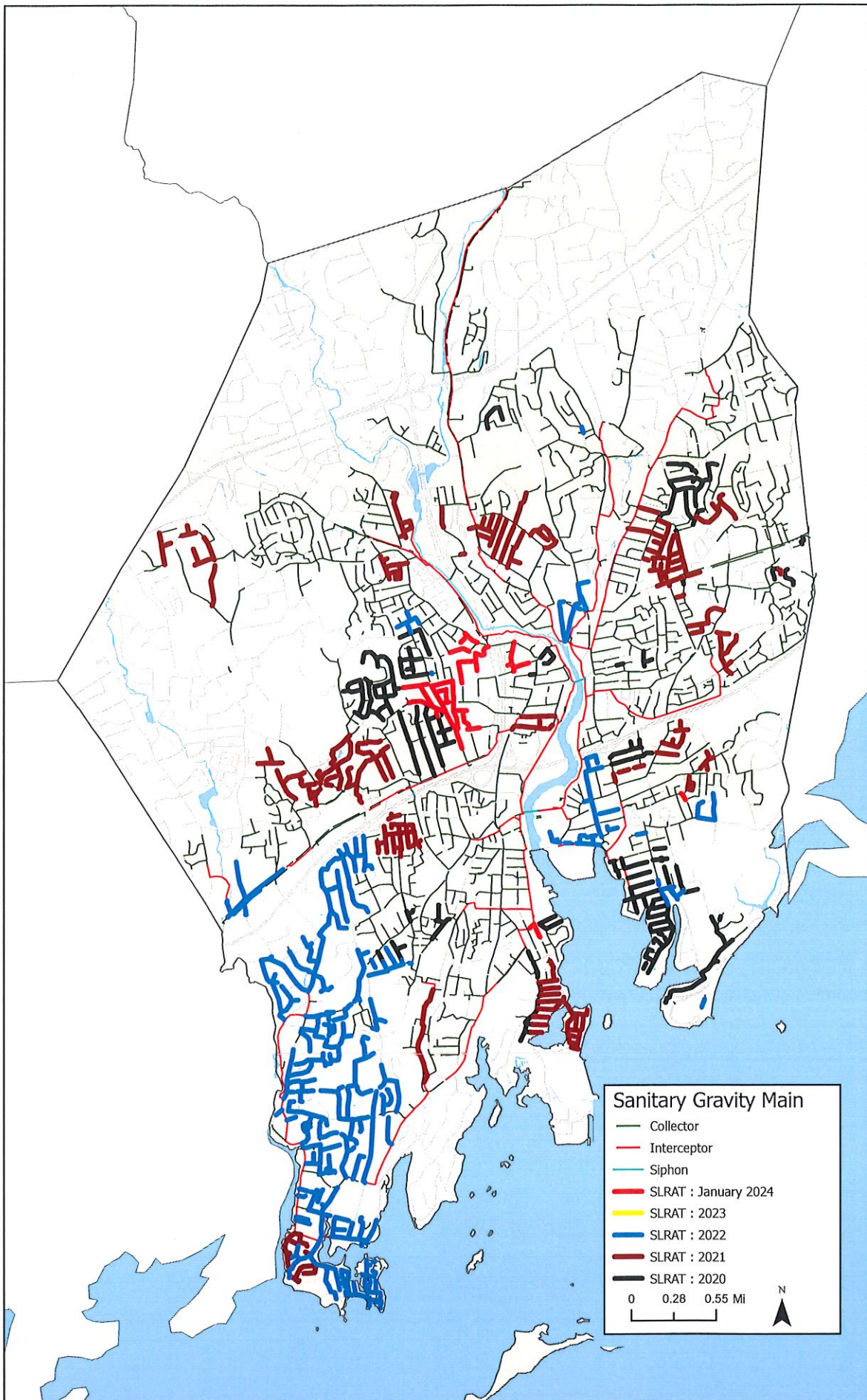
EXECUTIVE SUMMARY - Influent Flow













Kendra Morris
President
Northeast Region, Municipal Water

551.215.2769
Kendra.morris@veolia.com

January 26, 2024

VIA EMAIL

Vanessa Valadares
Chief of Operations and Public Works
125 East Ave.
Norwalk, CT 06856

Re: Notice of Change in Veolia Management and Personnel

Dear Vanessa:

It is my pleasure to send you this letter regarding a recent change to the management and supervisory team. We appreciate our partnership with the Water Pollution Control Authority for the City of Norwalk ("WPCA" or "You"), and look forward to bringing you broader expertise and resources from our new team.

Pursuant to Section 6.8(C) (Service Coordination: Company's Senior Supervisors) of the Wastewater Treatment System Operations, Maintenance, and Management Services Agreement ("Agreement"), Veolia Water Contract Operations USA, Inc., f/k/a SUEZ Water Environmental Services Inc. (the "Company") is providing this notice of recent Company personnel changes as they pertain to, and are defined by, the Agreement.

Please kindly note the following changes:

Senior Supervisor: David Connors
Vice President of Operations, Northeast Central, Municipal Water Contract Operations

Service Manager: Matthew Brown
Project Manager, Municipal Water Contract Operations

Matthew Brown reports to Mr. Connors. All other personnel and staffing remains unchanged.

These changes were effective as of January 8. My team and I look forward to continuing to work with You to serve the citizens of Norwalk as well as all users of the system. If you have any questions, please feel free to reach out to me anytime.

Sincerely,

Kendra Morris

Kendra Morris
President, Northeast Region
Municipal Water Contract Operations
Veolia North America



VEOLIA - Norwalk, CT - Procurement Review Form			
Project Name:		FST 1-4 Rubber Sweep Replacement	
BU/Cust :		00401 Veolia Municipal Water - 2159 Norwalk, CT	
Description of Goods/Services:			
Replace the rubber sweeps for all 4 FST 's. The alternate rubber sweeps are being install to increase the longevity of the sweeps.			
Subcontractor / Vendor Bid Results Summary (detail below or attach results in spreadsheet)			
Selected Vendor:		Northeast Water	
M/WBE Solicited	No	If no, describe why:	MBE supplier not available
Bidder Names (* = incumbent)		Northeast Water	
Bid Amount		\$63,240.00	
Total		\$63,240.00	
Subcontractor / Vendor Selection: Provide justification for use of vendor and describe contract benefits			
The contractor is a preferred vendor of the client. The contractor has performed all of the repairs on these FST units.			
Selected Vendor:			
Vendor / Subcontractor ()		\$63,240.00	
Vendor / Subcontractor ()			
Contingency (10%)		\$6,324.00	
Veolia Mark Up (15%)		\$0.00	
Other Project Costs		\$0.00	
Total Project Cost		\$69,564.00	
City of Norwalk Review			
Reviewed & Approved by:		Signature & Date	
Ralph K Kolb		Ralph K. Kolb 1/17/2024	
Comments RE.3830.07551.WMU.02			
Subcontractor / Vendor Spend Information			
Contract Type	R&M > \$10,000		
Contract Term		Task Order Value	\$ 69,564
Expense Type	OPEX - PT		
Pricing Format	Cost plus 15%	Single / Sole Source Vendor Selection	
Bond & Liquidated Damages	No	Legal Review	n/a
Prevailing Wage Required	No	SCM Review	n/a
Legal Review			
Reviewed & Approved by (Legal only):		Signature & Date	
SCM Review			
Reviewed & Approved by (SCM only):		Signature & Date	
Project Requester		Required Approvers	
Print Name:		Print Name:	
Sign:		Sign:	

Procurement Review Form Guidelines

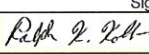
Purpose:

- 1) Form will serve as confirmation of SCM review and Legal review as needed.
- 2) Form will ensure compliance with corporate procurement guidelines.

When to Use the Form

This form must be completed for all purchases over \$25,000 and submitted to the Supply Chain Management team.

10.2.1

VEOLIA - Norwalk, CT - Procurement Review Form				
Project Name:		Fleet Submersible Mixers Spares 4HP		
BU/Cust :		00401 Veolia Municipal Water - 2159 Norwalk, CT		
Description of Goods/Services:				
The PRF is for (2) spare 4HP motors that can be used for the channel mixers and the re-cycle pumps located in the Aeration tanks. We have a total of (15) 4HP motors running 24/7/365. We currently have (2) spare 4HP motors in stock. The 2 additional spare motors will help in maintaining the proper operation of the channel and the aeration tanks.				
Subcontractor / Vendor Bid Results Summary (detail below or attach results in spreadsheet)				
Selected Vendor:		Fleet Service Group		
MWBE Solicited	No	If no, describe why: MBE supplier not available		
Bidder Names (* = incumbent)		Fleet Service Group		
Bid Amount		\$29,531.70		
Total		\$29,531.70		
Subcontractor / Vendor Selection: Provide justification for use of vendor and describe contract benefits				
Fleet Service Group is the sole proprietary of the flygt mixer motors. They are the standard mixer motor and pump the City of Norwalk uses.				
Additional Services Summary				
Selected Vendor:		Fleet Service Group		
Flygt Submersible Mixer/Recycle Pump Motor 304 Stainless Steel Standard Design, 4HP, 460 volt, three phase,		\$29,531.70		
Contingency 10%		\$2,953.17		\$0.00
Veolia Mark Up 15%		\$4,872.73		\$0.00
		\$0.00		
		\$37,357.60		\$0.00
City of Norwalk Review				
Reviewed & Approved by:		Signature & Date		
Ralph K Kolb		 1/17/2024		
Comments				
Subcontractor / Vendor Spend Information				
Contract Type	Task Order	Legal Review	Yes	
Contract Term (mm/dd/my)		Annual Contract / Task Order Val	\$	37,358
Expense Type	N/A	Total Contract / Task Order Value	\$	37,358
Spend Type	Non-recurring	Estimated Savings		
Contract / PO / Req #		Savings Calculation Method		
Pricing Format	Lump Sum - not to exceed	Baseline Cost (if applicable)		
Bond & Liquidated Damages	None	Single / Sole Source Vendor Sele	N/A	
Prevailing Wage Required		Vendor Type / Paygroup	DB - Design Build Projects/Contract	
COI Expiration date (mm/dd/my)		Certificate of Insurance (COI) att		
Payment Terms		SCM Contracts Representative	Brian Devries	
Legal Review				
Reviewed & Approved by (Legal only):		Signature & Date		
SCM Review				
Reviewed & Approved by (SCM only):		Signature & Date		
Project Requester Required Approvers Required Approvers				
Print Name:		Print Name:		
Sign:		Sign:		

10.1.2

VEOLIA - Norwalk, CT - Procurement Review Form			
Project Name:		Corrosion Products RAS Pumps 3,4,5,6 & Spare	
BU/Cust :		00401 Veolia Municipal Water - 2159 Norwalk, CT	
Description of Goods/Services:			
Repairing RAS Pumps 3,4,5,6 & Spare Pump - Refer to the attached quotes for each pump.			
Subcontractor / Vendor Bid Results Summary (detail below or attach results in spreadsheet)			
Selected Vendor:		Corrosion Products	
M/WBE Solicited	No	If no, describe why:	MBE supplier not available
Bidder Names (* = incumbent)		Corrosion	
Bid Amount - RAS Pump 3		\$11,593.00	
Bid Amount - RAS Pump 4		\$11,593.00	
Bid Amount - RAS Pump 5		\$11,982.00	
Bid Amount - RAS Pump 6		\$11,593.00	
Bid Amount - Spare		\$9,643.00	
Bid Amount			
Total		\$56,404.00	
Subcontractor / Vendor Selection: Provide justification for use of vendor and describe contract benefits			
Client approved Corrosion Products to perform repairs on RAS Pumps 3-6 and a spare pump			
Selected Vendor:		Corrosion Products	
Vendor / Subcontractor ()		\$0.00	
Vendor / Subcontractor ()			
Contingency (10%)		\$5,640.40	
Veolia Mark Up (15%)		\$0.00	
Other Project Costs		\$0.00	
Total Project Cost		\$62,044.40	
City of Norwalk Review			
Reviewed & Approved by:		Signature & Date	
Ralph K Kolb		Ralph K. Kolb 2/14/2024	
Comments RE.3830.07551.WMU.02			
Subcontractor / Vendor Spend Information			
Contract Type	R&M > \$10,000		
Contract Term		Task Order Value	\$ 62,044
Expense Type	OPEX - PT		
Pricing Format	Cost plus 15%	Single / Sole Source Vendor Selectio	
Bond & Liquidated Damages	No	Legal Review	n/a
Prevailing Wage Required	No	SCM Review	n/a
Legal Review			
Reviewed & Approved by (Legal only):		Signature & Date	
SCM Review			
Reviewed & Approved by (SCM only):		Signature & Date	
Project Requester		Required Approvers	
Print Name:		Print Name:	
Sign:		Sign:	

Procurement Review Form Guidelines

Purpose:

- 1) Form will serve as confirmation of SCM review and Legal review as needed.
- 2) Form will ensure compliance with corporate procurement guidelines.

When to Use the Form

This form must be completed for all purchases over \$25,000 and submitted to the Supply Chain Management team.

10.6.3

VEOLIA - Norwalk, CT - Procurement Review Form			
Project Name:		Universal Bldg. Controls - Bldg 2 Lab HVAC Controls	
BU/Cust :		00401 Veolia Municipal Water - 2159 Norwalk, CT	
Description of Goods/Services:			
Install new controls for the rooftop AHU-1 serving the lab area. For further information refer to attached quote.			
Subcontractor / Vendor Bid Results Summary (detail below or attach results in spreadsheet)			
Selected Vendor:		Universal Controls	
M/WBE Solicited	No	If no, describe why:	MBE supplier not available
Bidder Names (* = incumbent)			
Bid Amount		\$18,599.00	
Bid Amount			
Total		\$18,599.00	
Subcontractor / Vendor Selection: Provide justification for use of vendor and describe contract benefits			
Perferred HVAC Contractor			
Selected Vendor:			
Vendor / Subcontractor ()		\$0.00	
Vendor / Subcontractor ()			
Contingency (10%)		\$1,859.90	
Veolia Mark Up (15%)		\$3,068.84	
Other Project Costs		\$0.00	
Total Project Cost		\$23,527.74	
City of Norwalk Review			
Reviewed & Approved by:		Signature & Date	
Ralph K Kolb		Ralph K. Kolb 2/14/2024	
Comments RE.3830.07551.WMU.02			
Subcontractor / Vendor Spend Information			
Contract Type	R&M > \$10,000		
Contract Term		Task Order Value	\$ 23,528
Expense Type	OPEX - PT		
Pricing Format	Cost plus 15%	Single / Sole Source Vendor Selectio	
Bond & Liquidated Damages	No	Legal Review	n/a
Prevailing Wage Required	No	SCM Review	n/a
Legal Review			
Reviewed & Approved by (Legal only):		Signature & Date	
SCM Review			
Reviewed & Approved by (SCM only):		Signature & Date	
Project Requester		Required Approvers	Required Approvers
Print Name:		Print Name:	
Sign:		Sign:	

Procurement Review Form Guidelines

Purpose:

- 1) Form will serve as confirmation of SCM review and Legal review as needed.
- 2) Form will ensure compliance with corporate procurement guidelines.

When to Use the Form

This form must be completed for all purchases over \$25,000 and submitted to the Supply Chain Management team.

10.2.4

VEOLIA - Norwalk, CT - Procurement Review Form				
Project Name:		High Voltage Maint. Arc Flash Study		
BU/Cust :		00401 Veolia Municipal Water - 2159 Norwalk, CT		
Description of Goods/Services:				
HVM will provide a short circuit study, protective device evaluation, coordination study and arc flash analysis				
Subcontractor / Vendor Bid Results Summary (detail below or attach results in spreadsheet)				
Selected Vendor:		High Voltage Maint.		
M/WBE Solicited	No	If no, describe why: MBE supplier not available		
Bidder Names (* = incumbent)		High Voltage	Gray Bar	
Bid Amount		\$25,670.00	\$41,794.12	
Bid Amount				
Total		\$25,670.00		
High Voltage Maint. performed the previous Arc Flash Study and cost was substantially lower				
Selected Vendor:		High Voltage Maint.		
Vendor / Subcontractor ()		\$0.00		
Vendor / Subcontractor ()				
Contingency (10%)		\$2,567.00		
Veolia Mark Up (15%)		\$4,235.55		
Other Project Costs		\$0.00		
Total Project Cost		\$32,472.55		
City of Norwalk Review				
Reviewed & Approved by:		Signature & Date		
Ralph K Kolb		Ralph K. Kolb 2/16/2024		
Comments RE.3830.07551.WMU.02				
Subcontractor / Vendor Spend Information				
Contract Type	R&M > \$10,000			
Contract Term		Task Order Value	\$	32,473
Expense Type	OPEX - PT			
Pricing Format	Cost plus 15%	Single / Sole Source Vendor Selectio		
Bond & Liquidated Damages	No	Legal Review		n/a
Prevailing Wage Required	No	SCM Review		n/a
Legal Review				
Reviewed & Approved by (Legal only):		Signature & Date		
SCM Review				
Reviewed & Approved by (SCM only):		Signature & Date		
Project Requester Required Approvers Required Approvers				
Print Name:		Print Name:		
Sign:		Sign:		

Procurement Review Form Guidelines

Purpose:

- 1) Form will serve as confirmation of SCM review and Legal review as needed.
- 2) Form will ensure compliance with corporate procurement guidelines.

When to Use the Form

This form must be completed for all purchases over \$25,000 and submitted to the Supply Chain Management team.

10.2.5

YEAR-TO-DATE BUDGET REPORT

FOR 2024 - 99

ACCOUNTS FOR:	WATER POLLUTION CONTROL	ORIGINAL APPROP	TRANSFRS/ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
22								
040	PUBLIC WORKS							
224062	WATER POLLUTION CONTROL							
224062 4051	INTEREST	-65,000	0	-65,000	-49,234.33	.00	-15,765.67	75.7%
224062 4121	NITROGEN	-50,000	0	-50,000	-31,626.00	.00	-18,374.00	63.3%
224062 4451	SEWER PERM	-1,500	0	-1,500	-1,000.00	.00	-500.00	66.7%
224062 4453	SEPTIC LIC	-1,200	0	-1,200	-100.00	.00	-1,100.00	8.3%
224062 4513	SEWER CHRG	-17,940,000	0	-17,940,000	.00	.00	-17,940,000.00	.0%
224062 4516	SPT DIS FE	-175,000	0	-175,000	-120,172.00	.00	-54,828.00	68.7%
224062 4521	WILTON SU	-600,000	0	-600,000	.00	.00	-600,000.00	.0%
224062 4522	SEWER USE	-45,000	0	-45,000	-85,355.00	.00	40,355.00	189.7%
224062 452C	INDUSTRIAL	-175,000	0	-175,000	-500.00	.00	-174,500.00	.3%
224062 452D	SEWER CONN	-150,000	0	-150,000	-40,237.78	.00	-109,762.22	26.8%
224062 452E	IPP INTERE	-5,000	0	-5,000	-4,235.67	.00	-764.33	84.7%
224062 4807	REIMB EXP	-1,000	0	-1,000	.00	.00	-1,000.00	.0%
224062 4825	BOND PREM	0	0	0	-861,393.83	.00	861,393.83	100.0%
224062 489F	REIMB GF	-136,163	0	-136,163	-136,163.00	.00	.00	100.0%
224062 4901	INV INCOME	-110,000	0	-110,000	-80,333.62	.00	-29,666.38	73.0%
	TOTAL WATER POLLUTION CONTROL	-19,454,863	0	-19,454,863	-1,410,351.23	.00	-18,044,511.77	7.2%
	TOTAL PUBLIC WORKS	-19,454,863	0	-19,454,863	-1,410,351.23	.00	-18,044,511.77	7.2%
	TOTAL WATER POLLUTION CONTROL	-19,454,863	0	-19,454,863	-1,410,351.23	.00	-18,044,511.77	7.2%
	TOTAL REVENUES	-19,454,863	0	-19,454,863	-1,410,351.23	.00	-18,044,511.77	

11.9

YEAR-TO-DATE BUDGET REPORT

FOR 2024 99

ACCOUNTS FOR:		WATER	POLLUTION	CONTROL	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
22											
040 PUBLIC WORKS											
224062 WATER POLLUTION CONTROL											
224062	5110	WAGES & SA	452,914	0	0	452,914	251,786.81	.00		201,127.19	55.6%
224062	5120	WAGES & SA	100,000	0	0	100,000	2,768.94	.00		97,231.06	2.8%
224062	5140	WAGES & SA	36,000	0	0	36,000	6,280.95	.00		29,719.05	17.4%
224062	5150	LONGEVITY	1,150	0	0	1,150	1,140.00	.00		10.00	99.1%
224062	5235	MEMBERSHIP	10,000	0	0	10,000	8,408.05	.00		1,591.95	84.1%
224062	5241	ELECTRIC	1,553,000	0	0	1,553,000	684,080.85	.00		868,919.15	44.0%
224062	5245	TELEPHONE	2,000	0	0	2,000	.00	.00		2,000.00	.0%
224062	5252	LEGAL SERV	250,000	0	0	250,000	84,383.30	.00		165,616.70	33.8%
224062	5258	OMI	10,430,000	1,539,528	11,969,528	11,969,528	5,882,184.50	.00	3,638,221.77	2,449,121.99	79.5%
224062	5286	BUSINESS E	32,000	0	0	32,000	8,828.08	.00		23,171.92	27.6%
224062	5295	SEMINAR&CO	20,000	0	0	20,000	.00	.00		20,000.00	.0%
224062	5298	OTHER	250,000	10,638	0	260,638	4,364.05	.00		256,273.45	1.7%
224062	5418	INSURANCE	140,086	0	0	140,086	140,086.00	.00		.00	100.0%
224062	5428	BENEFITS	241,404	0	0	241,404	.00	.00		241,404.00	.0%
224062	5521	PRINCIPAL	3,208,420	0	0	3,208,420	2,562,079.98	.00		646,340.02	79.9%
224062	5522	INTEREST	1,011,484	0	0	1,011,484	509,229.72	.00		502,254.28	50.3%
224062	5523	BOND EXP	0	0	0	0	78,363.23	.00		-78,363.23	100.0%
224062	5651	TO G/F	692,807	0	0	692,807	692,807.00	.00		.00	100.0%
224062	5741	IT HARDWAR	60,000	0	0	60,000	31,077.64	.00		28,922.36	51.8%
224062	5789	RESERVE	963,598	0	0	963,598	.00	.00		963,598.00	.0%
TOTAL WATER POLLUTION CONTROL					19,454,863	1,550,166	21,005,029	10,947,869.10	3,638,221.77	6,418,937.89	69.4%
TOTAL PUBLIC WORKS					19,454,863	1,550,166	21,005,029	10,947,869.10	3,638,221.77	6,418,937.89	69.4%
TOTAL WATER POLLUTION CONTROL					19,454,863	1,550,166	21,005,029	10,947,869.10	3,638,221.77	6,418,937.89	69.4%
TOTAL EXPENSES					19,454,863	1,550,166	21,005,029	10,947,869.10	3,638,221.77	6,418,937.89	69.4%



**Norwalk Water
Pollution Control
Authority**

www.wpcanorwalk.org

February 15, 2023

VIA ELECTRONIC MAIL

Mr. Syed Bokhari and Ms. Rosemary Gatter-Evarts
Department of Energy and Environmental Protection
Water Planning & Management Division
79 Elm Street
Hartford, CT 06106-5127

Subject: City of Norwalk, NPDES Permit ID # CT0101249
2023 Annual CSO Monitoring Report

Dear Mr. Bokhari and Ms. Gatter-Evarts:

The Water Pollution Control Authority ("WPCA") for the City of Norwalk (the "City") is pleased to submit the 2023 Annual CSO Monitoring Report ("Report"), prepared by Veolia, that is due on or before February 15 each year. Enclosed is one copy of the Report that covers the period from January 1, 2023, through December 31, 2023, which the City submits in accordance with Section 9(A)(6) of the above referenced NPDES permit.¹ It should also be noted that the City recently learned that it was not listed as a "CSO community" at a recent DEEP public hearing.² In addition to submitting this Report in accordance with its NPDES permit, the City respectfully requests clarification from DEEP on the City's status as a CSO community.

Should you have any questions, please feel free to contact me at 203-854-3242.

Sincerely,

A handwritten signature in black ink that reads "Ralph K. Kolb".

Ralph K. Kolb, P.E.
Sr. Environmental Engineer

¹ Section 9 of the City's NPDES Permit is captioned "Combined Sewer Overflows (CSOs)." In addition, Norwalk is included as one of **six** CSO communities on DEEP's "Combined Sewer Overflows: Right to Know" webpage." See <https://portal.ct.gov/DEEP/Municipal-Wastewater/Combined-Sewer-Overflows-Right-to-Know>. It is also included as a CSO community on DEEP's Bypass and CSO Events Public Viewer, <https://ctdeep.maps.arcgis.com/apps/MapSeries/index.html?appid=a386eea9cc334192a5fd25134d5afdd>, and DEEP's "Performance Dashboard" for viewing CSOs, <https://deepct.qscend.mygovcenter.com/cms/cms?id=1>.

² At the Clean Water Fund Priority List public hearing on February 7, 2024, DEEP indicated that there are only **four** CSO communities: Bridgeport, New Haven, Norwich, and Hartford.

11.e.1



Copy: Vanessa Valadares, P.E., DPW (*via Electronic Mail*)
Chris Torre, DPW (*via Electronic Mail*)
Matthew Brown, Veolia (*via Electronic Mail*)



February 15th, 2024

Rosemary Gatter-Evarts

Connecticut DEEP

79 Elm Street

Hartford, CT 06106

RE: Norwalk WPCA NPDES Permit CT0101249 Data Submission

Dear Rosemary,

Enclosed please find the City of Norwalk's submission of data for 2023 pursuant to section 9(A)(6) of its current National Pollution Discharge Elimination (NPDES) Permit.

Please feel free to contact me at (203) 395-6248 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Matthew Brown', written over a light blue horizontal line.

Matthew Brown

Project Manager

Veolia, Norwalk Operations

Cc: Ralph Kolb, City of Norwalk
Nelya Bauer, City of Norwalk
Syed Bokhari, CT-DEEP

2023 City of Norwalk CSO Monitoring Report

Prepared by:

**Veolia & the Norwalk WPCA
February 15, 2024**



Purpose of Report

This report was prepared by the City of Norwalk Water Pollution Control Authority (City and WPCA, respectively) and its contract operator Veolia (Veolia), in accordance with Section 9(A)(6) of the City's National Pollution Discharge Elimination System (NPDES) permit issued on April 01, 2021.

The City's NPDES permit authorizes discharges from Outfall 002-1 located at its Water Pollution Control Facility (WPCF or Facility) under conditions specified within the permit. In accordance with its NPDES permit, the City, on or before February 15th, annually, is required to submit an Annual Combined Sewer Overflow (CSO) Monitoring Report including the results of all monitoring from the previous calendar year for any discharge(s) from Outfall 002-1. Additionally, the Report must include:

- (a) the date, time, quantity, and duration of each precipitation event causing each CSO discharge;
- (b) the date, time, duration, quality, and volume for each CSO discharge event from Outfall 002-1;
- (c) a list of Best Management Practices (BMPs) that have been used to reduce the impact of existing CSOs on the receiving waters; and
- (d) a summary of upcoming CSO mitigation efforts for the next 5 years.

The City of Norwalk, the WPCA, and Veolia are committed to minimizing CSOs within its system and continue to monitor and take action to reduce the frequency and impact of any CSO that may occur. Below is an accounting of the report requirements and a demonstration of how the City of Norwalk meets the standards set forth in its NPDES permit.

Demonstration of Compliance

(a) The date, time, quantity, and duration of each precipitation event causing each CSO discharge.

- Please see Appendix A.

(b) The date, time, duration, quality, and volume for each CSO discharge event from Outfall 002-1.

- Please see Appendix A.

(c) A list of Best Management Practices (BMPs) that have been used to reduce the impact of existing CSOs on the receiving waters.

The WPCA has instituted a number of BMPs throughout its system to reduce the frequency and impacts of CSOs. Some of these BMPs include the following:

1. Designated Manager Responsible for Norwalk's CSO Events

The WPCA utilizes a designated manager who is responsible for the management and oversight of CSO events. In 2021, Matthew Brown (Veolia's Project Manager / Chief Operator) was appointed as the operations and maintenance manager responsible for the wastewater collection system. In his role, Mr. Brown serves as the point of contact for department personnel regarding combined sewer discharges. By having Mr. Brown in charge of the wastewater collection system, the WPCA is better able to monitor, track, control, and eliminate CSO events before they take place.

2. Maximum Use of Collection System Storage

The WPCA optimizes available storage within its collection system to minimize the volume of flow to the treatment facility during wet weather events. One way this is achieved is through automatic controls on the 42-inch sluice gate located on the east side of the Norwalk River, which allows for automatic adjustment to accommodate fluctuating sewage levels. This has three primary CSO-discharge related benefits:

- (1) it allows larger volumes of wastewater to receive full treatment;
- (2) it reduces the likelihood of transitioning to wet weather treatment by more effectively utilizing storage capacity within the collection system; and
- (3) it further reduces the already low likelihood that use of the Emergency Outfall at the Ann Street Siphon would be necessary.

3. Wet Weather Operating Plan

A Wet Weather Operating Plan is followed during every wet weather event. Utilization of the Plan allows for greater continuity, oversight, and precision in managing any wet weather events.

4. Maximize Flow to the WPCF

The WPCA utilizes both administrative and engineering controls to ensure flows to the treatment facility receive full treatment when possible. Further, in accordance with its NPDES permit, 30 MGD of flow is maintained through full treatment at all times during wet weather events before Outfall 002-1 is activated.

5. Minimize Impact on Receiving Water

To further reduce any impact of discharges from Outfall 002-1 on receiving waters, the wet weather storm basin is drained back to the Headworks for full treatment when conditions allow both during and following storm events.

6. Combined Sewer System Upgrade

In 2020, the WPCA added an improved chlorination system and new de-chlorination system to the wet weather treatment train of Outfall 002-1. These processes improve disinfection and chlorine removal of flow discharging from Outfall 002-1, further reducing the impact of any discharges that occur during wet weather events.

7. Prohibition of Dry Weather Overflow

In accordance with its NPDES permit, all dry weather CSOs are prohibited at the WPCF. The WPCA and Veolia, with the assistance of administrative and engineering controls, actively work to prevent all dry weather overflows.

8. Septage and Holding Tank Waste

Pursuant to its NPDES permit, any discharge from Outfall 002-1 shall not contain septage or holding tank waste. To meet this standard, the WPCA prohibits discharge of septage or holding tank waste at the facility during wet weather events to ensure that any discharge from Outfall 002-1 does not include these materials.

9. Notification/Reporting Process

The WPCA and Veolia are committed to complying with all CSO-related reporting obligations that may exist. Pursuant to its NPDES permit, all CSO events are

reported to the Connecticut Department of Energy and Environmental Protection (CT DEEP or the Department), the Connecticut Bureau of Aquaculture, and the City of Norwalk Health Department, as necessary.

(d) A summary of upcoming CSO mitigation efforts for the next 5 years.

As noted above, the City of Norwalk and the WPCA have been and continue to be committed to carefully assessing and minimizing all CSO events within its system going forward. To further this objective, the WPCA has undertaken several studies, projects, and enhancements to its system. These mitigation efforts are ongoing, and many will continue over the next five years. Such efforts include the following:

1. Sanitary Sewer Collection System Master Plan

On September 30, 2022, the WPCA submitted an updated system-wide Sanitary Sewer Collection System Master Plan (Master Plan) to CT DEEP. The Department is currently reviewing the Master Plan in an effort to provide final approval.

The updated Master Plan identifies capital improvement projects and estimated costs for planning and implementation. The following recommendations were identified.

Consent Order Recommendations:

- Operations and Maintenance Recommendations
- Catch Basin Disconnection Program (implementation began in 2023)
- Hubbells Lane Relief Sewer (implementation began in 2023)
- Ann Street Emergency Overflow Elimination

Long-Term Recommendations:

- Targeted Collection System Rehabilitation

The Master Plan took into consideration some of the WPCA's ongoing system enhancement projects and incorporated them into the report's recommendations. Development of the Master Plan also allowed the WPCA and Veolia to refine and augment a number of these projects. For example, the Operations and Maintenance recommendations from the Master Plan help guide the Veolia team as it continues its efforts to inspect priority areas within the collection system with tools like CCTV.

As another example, with the goal of significantly reducing public inflow to the collection system, in 2023, Norwalk's Department of Public Works had its on-call construction contractor disconnect seven catch basins that are not in the Catch

Basin Disconnect Program from the sanitary sewer. The seven catch basins were then connected to the stormwater system.

Finally, the WPCA continues to incorporate inflow and infiltration (I/I) reduction into all sewer shed-wide rehabilitation projects to help reduce the frequency and impact of CSO events. The Targeted Collection System Rehabilitation recommendations enhance and expand on these ongoing efforts.

In conjunction with other enhancement projects, the information collected and assessed in the Master Plan is a critical tool helping the WPCA achieve even greater reductions of CSOs going forward.

2. Collection System Engineering Services

In March 2021, the WPCA signed agreements with Brown and Caldwell as the primary consultant and Woodard & Curran as the secondary consultant for on-call collection system engineering services. By engaging these consultants, the WPCA has greater capacity and resources to identify, evaluate, and implement further CSO-mitigation efforts going forward.

In December 2022, the WPCA signed a \$3MM amendment to the agreement with Brown and Caldwell for on-call collection system engineering services. Included in the scope of this amendment are the Master Plan recommendations discussed above.

3. Catch Basin Disconnection Program

In May 2023, the WPCA signed Task Order #6 with Brown and Caldwell to evaluate the feasibility of disconnecting identified priority catch basins, assess the potential change in surface flooding risk, and develop preliminary plans, cost estimates, and a schedule for catch basin disconnection. At the end of 2023, a draft basis of design report was submitted to the WPCA for review and comment. It is anticipated the report will be finalized in 2024.

4. Hubbells Lane Relief Sewer

In June 2023, the WPCA signed Task Order #7 with Brown and Caldwell to complete design for approximately 1,100 linear feet of new relief sewer along Smith Street and Hubbells Lane. Based on conceptual analysis, approximately 500 linear feet of 36-inch diameter sewer will be constructed on Hubbells Lane and approximately 600 linear feet of 60-inch diameter sewer will be constructed on Smith Street. Currently, the project is at 30% design. It is anticipated the design will be finalized in 2024.

5. Targeted Collection System Rehabilitation

Brown and Caldwell finalized design and bid documents for WPCA Project 2023-01 for Cured-in-Place Pipe (CIPP) lining of the sanitary sewer piping tributary to the Sammis Street and Bell Island Pump Stations, low lying areas, and known areas of concern. Construction Bids were received on September 28, 2023, and the WPCA entered into a contract with Insituform Technologies, LLC on December 7, 2023.

WPCA Project 2023-01 includes cleaning, televising, and CIPP lining of approximately 45,000 feet of sanitary sewer mains ranging from 8-inch to 24-inch, lining approximately 2,500 vertical feet of manholes, and grouting of approximately 1,200 sewer lateral connections.

6. Facility Plan Update

On September 29, 2023, the WPCA submitted a Facility Plan Update to CTDEEP. The Facility Plan Update identifies capital improvement projects that will reduce flow to the WPCA and mitigate potential CSOs and advance elimination of Outfall 002. The Department is currently reviewing the Facility Plan Update in an effort to provide final approval.

7. Targeted Inflow Minimization

Veolia has installed inflow covers in select manholes to minimize stormwater inflow.

8. Smart Cover Deployment

Veolia has deployed fourteen smart covers within the collection system. These smart covers allow for flow monitoring to identify possible I/I in the collection system which helps identify future mitigation efforts by the WPCA.

Appendix A

Norwalk WPCF Storm CSO Events 2023

Event	Date	Location	Duration (HRS:MIN)	Total Flow (MG)	Start Time	Stop Time	Quantity for Rain Event (IN.)	Residual (MG/L)	TSS (MG/L)	BOD (MG/L)	Fecal (#/100ML)	Enterococci (#/100ML)	ATMR
1	1/25/2023	Outfall 002-01	2hr:30min	0.95	11:45 PM	2:15 AM	1.69	0.03	92	109	10	1112	Pass
2	4/30/2023	Outfall 002-02	1hr:00min	0.06	11:30 PM	12:30 AM	2.9	N/A	N/A	N/A	N/A	N/A	N/A
3	5/20/2023	Outfall 002-03	0hr:45min	0.02	7:00 PM	7:45 PM	2.59	N/A	N/A	N/A	N/A	N/A	N/A
4	8/18/2023	Outfall 002-04	0hr:45min	0.1	7:15 AM	8:00 AM	1.57	N/A	N/A	N/A	N/A	N/A	N/A
5	9/10/2023	Outfall 002-05	1hr:15min	0.32	1:00 PM	2:15 PM	2.29	0	90	144	>24196	>24196	Fail
6	9/29/2023	Outfall 002-06	24hr:0min	11.33	12:00 AM	12:00 AM	6.3	0.01	534.5	76.15	132	30	N/A
7	12/18/2023	Outfall 002-07	8hr:30min	1.07	8:40AM	5:10PM	2.12	0.04	47	63.5	10	<10	N/A
8	12/28/2023	Outfall 002-08	7hr:15min	1.79	7:30 AM	2:15 PM	0.9	0.01	118	90.6	10	<10	N/A
Total				15.64			20.36						
Average				1.955			2.545						
Max													

* Pursuant to Table A-1, footnote 3, of Norwalk's NPDES permit, sampling requirements are waived during short duration overflow events (less than one hour in duration) or during intermittent over flow events (with no one overflow exceeding one hour).