



REGULAR MEETING – WATER POLLUTION CONTROL AUTHORITY AGENDA

**FEBRUARY 18, 2025, 5:30 PM
BY ZOOM VIRTUAL MEETING**

To allow public access, anyone may access a meeting by telephone and/or Zoom, or a recording in the City of Norwalk YouTube channel. Specific instructions and links can be found at norwalkct.gov/meetings.



Members of the public may call in to participate. Callers will not be able to see the meeting participants. All participants will be muted upon entering the meeting. To speak, dial *9 on the phone and you will be called on by the host of the meeting during the public comment section. All speakers must state their name and address. Comments must be on a topic on the agenda, and are limited to three minutes. Anyone disrupting the orderly conduct of the meeting, including by using threatening, hateful, or sexually-explicit language, will be removed. Please find the information using the link above.



Members of the public who wish to provide "live comments" may also use the Zoom meeting platform. All participants will be muted upon entering the meeting. To speak, click the "raise your hand indicator" and you will be called by the host of the meeting during the public comment section. All speakers must state their name and address. Comments must be on a topic on the agenda, and are limited to three minutes. Anyone disrupting the orderly conduct of the meeting, including by using threatening, hateful, or sexually-explicit language, will be removed. Please find the information using the link above.



Members of the public who wish to provide public comment are encouraged to submit those via email in advance of the meeting. For these comments to be included into the record, they must be submitted by 12:00 p.m. the day of the meeting. Please email Dilene Byrd at dbyrd@norwalkct.gov with the subject line "Public Comment" to provide written public comment prior to the meeting.

I. PUBLIC HEARING

- A. Public Hearing on the Proposed Sewer Use Charges to be effective July 1, 2025
(notice included)**

II. CALL TO ORDER

III. ROLL CALL

IV. ACCEPTANCE OF MINUTES

- A. Regular Meeting: January 21, 2025**

V. PUBLIC PARTICIPATION

VI. NEW BUSINESS

- A. Approve the Sewer User Rates to be Effective July 1, 2025
- B. Approve the Proposed FY 2025-26 Operating Budget (copy attached)
- C. Approve the Proposed FY 2025-26 Capital Budget (copy attached)

VII. OLD BUSINESS

- A. Contract Operations Report:
 - a. Veolia Monthly Operating Report- January 2025 (copy included)
 - b. Major Repair or Replacement/Out of Scope Items: None
- B. Reports:
 - FY 24/25 Revenues/Expenditures MUNIS Reports (copy included)
- C. Discussion on WPCA Engineering Projects:
 - Beacon Street Sanitary Sewer
- D. Catch Basin Disconnect Program
- E. Hubbell's Lane Relief Sewer (copy included)
- F. Final Settling Tank (copy included)
- G. Discussion on WPCA Construction Projects:
 - Collection- Sammis and Bell Island Sewershed Rehabilitation (copy included)
- H. Supervisory Control and Data Acquisition (SCADA) Updates
- I. Sewer Use Appeals/Adjustments Update
 - Appeal Status
- J. Information Copies:
 - 2024 CSO Report (copy included)

VIII. DISCUSSION

IX. EXECUTIVE SESSION TO DISCUSS PENDING AGREEMENTS FOR THE KEELER BROOK PS PROJECT

X. ADJOURNMENT

UPCOMING MEETINGS

Monday, March 17, 2025, 5:30PM.

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 18, 2025, 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, 2025

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	\$414.00	\$432.00
▪ Two Family	\$828.00	\$864.00
▪ Three Family	\$1,242.00	\$1,296.00
▪ Four Family	\$1,656.00	\$1,728.00
▪ Apartment/Condominium Unit	\$414.00	\$432.00
▪ In-Law Unit/Accessory Apartment	\$207.00	\$216.00
Commercial and Mixed Use Properties (up to 110,000 gallons)	\$592.00	\$618.00
Commercial and Mixed Use Properties (over 110,000 gallons)	\$592.00 plus \$10.68 per 1,000 gallons over 110,000 gallons	\$618.00 plus \$11.15 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	\$10.68 per 1,000 gallons	\$11.15 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	

**CITY OF NORWALK
WATER POLLUTION CONTROL AUTHORITY VIA ZOOM VIRTUAL
VIDEOCONFERENCE AND TELECONFERENCE
REGULAR MEETING
January 21, 2025**

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

Staff: Vanessa Valadares, Chief of Operations and Public Works
Ralph Kolb, WPCA Senior Environmental Engineer
Nelya Bauer, Wastewater Systems Manager
Chris Torre, Superintendent of Operations, DPW
Jared Schmitt, Chief Financial Officer

Others: Trever Steeprock, Project Manager, Veolia, Inc.
Ross Gambino, Asst. Project Manager, Veolia, Inc.
Ken Kohlbrenner, Woodard and Curran

1. CALL TO ORDER

Chairman Oustafine called the meeting to order at 5:32PM.

**2. PUBLIC INPUT- (GUESTS AT THE WPCA MEETING 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.

**** MR. IGNERI MOVED TO SUSPEND THE RULES TO TAKE THE AGENDA OUT OF
ORDER.**

**** THE MOTION PASSED UNANIMOUSLY.**

**8. EXECUTIVE SESSION TO DISCUSS PENDING AGREEMENTS FOR THE KEELER
BROOK PS PROJECT**

**** MR IGNERI MOVED TO ENTER INTO EXECUTIVE SESSION.**

**** THE MOTION PASSED UNANIMOUSLY.**

The executive session began at 5:33 PM.

The executive session ended at 6:29 PM.

There were no motions made, and no votes were taken.

Mr. Frayer left the meeting at 6:30 PM.

3. APPROVE THE MINUTES FROM THE WPCA MEETING HELD ON DECEMBER 16, 2024

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

**** THE MOTION PASSED WITH FOUR (4) IN FAVOR AND ONE (1) ATTENTION- MS. SMYTH.**

4. FINANCIAL MODEL UPDATE (PRESENTATION BY WOODARD AND CURRAN

Mr. Kohlbrenner presented an update on the WPCA's financial plan and said it covers a forecast period of five years from 2026 to 2030, and provided an overview of the assumptions and said they have not modeled any change in the customer accounts or flows, and are projecting that to be steady and estimates a provision for uncollectible accounts, as well as the flow from Wilton remaining the same, and the revenue projection staying level.

Mr. Kohlbrenner said the financial plan objectives are to meet or exceed the minimum operating cash reserve target, to meet or exceed the minimum debt service coverage target, and to fully fund operating expenses, the replacement reserve, and debt service with current values.

Mr. Kohlbrenner presented the financial plan results including proposing a 4.4% increase in FY 2025/26, followed by a steady 4% rate increase over the next four years. He said all the capital expenditures over the next several years are funded by bonds so there will be no cash expenses for those capital projects. He said that the typical residential single-family annual fee will increase by \$18.00 to \$20.00 per year over the five-year projection.

Ms. Valadares said staff is trying not to burden the residents too much and are trying to work to be very close to exactly what they had forecasted last year, and had forecasted a 4.5% increase for next fiscal year but were able to do a 4.4% increase while keeping the following four years at a 4% increase. She said because they do not know when they will receive the Consent Order there may be a few changes to the 4% increase, but as of now next fiscal year's increase will be just below what was projected on last year's financial model.

5. SCHEDULE PUBLIC HEARING FOR PROPOSED FY 2025-26 SEWER USE RATES ON TUESDAY, FEBRUARY 18, 2025, AT 5:30 PM

**** MS. SMYTH MOVED TO APPROVE SCHEDULING A PUBLIC HEARING FOR THE PROPOSED FY 2025-26 SEWER USE RATES ON TUESDAY, FEBRUARY 18, 2025, AT 5:30 PM.**

**** THE MOTION PASSED UNANIMOUSLY.**

6. CONTRACT OPERATIONS REPORT

a. Veolia Monthly Operating Report- December 2024 (copy included)

Mr. Steeprock reported and said that in December, the Veolia collections system team completed 1.69 miles of TV inspection, the cleaning of .48 miles of sewer lines, 72 manhole inspections, .92 miles of SL Rat, and 2.0 miles of hot list cleaning. He said it is difficult to get a lot of cleaning done when the temperatures get as low as it has been.

Mr. Steeprock said Veolia responded to 16 service calls, and the IPP inspection program conducted 33 inspections.

Mr. Steeprock reported on the maintenance and said the anoxic mixer in aeration tank #1 was replaced and successfully repaired one of the primary clarifiers.

Mr. Steeprock said the facility's nitrogen performance for the year totaled an average of 685 pounds per day and the target is 718 pounds per day and he is very happy with the way the facility is performing, and the team has done a great job using all the instrumentation on the aeration basins to drive the number where it needed to be. He said that everything is performing well at the facility but did have one near storm event on New Year's Eve when a quick rainstorm came through the coast area and the flows were up to 30MGD but had a great team response and were able to handle the flow without going into stormflow.

Mr. Steeprock said that the water pollution control facility followed all permit requirements for December, and all the reporting was completed and submitted to the CT-DEEP and the EPA and the quarterly and annual sludge report was submitted to Synagro.

b. Major Repair or Replacement/ Out of Scope Items: None

7. REPORTS

a. FY 24/25 Revenues/Expenditures MUNIS Reports (copy included)
There was no discussion.

b. Draft FY 25/6 Capital Budget (copy included)
There was no discussion.

c. Draft FY 25/6 Capital Budget (copy included)
There was no discussion.

d. Discussion on WPCA Engineering Projects:

1) Beacon Street Sanitary Sewer

Ms. Bauer said staff provided Brown and Caldwell the 30% design comments and they are currently progressing to 30% to 60% design.

2) Catch Basin Disconnect Program

Ms. Bauer said the program is currently on hold and that it is part of the Collection System Master Plan which is currently under review by DEEP.

3) Hubbell's Lane Relief Sewer

Ms. Bauer said that staff is working with Brown and Caldwell to progress from 90% to 100% design including updates of the specifications and they are preparing to do test kits as well to confirm the utilities.

e. Discussion on WPCA Construction Projects

1) Collection- Sammis and Bell Island Sewershed Rehabilitation

Ms. Bauer said the Instituform crews are currently preparing to start up the manual rehabilitation and lateral grouting work in the next few weeks.

2) Supervisory Control and Data Acquisition (SCADA) Updates

Ms. Bauer said they are continuing with SCADA enhancements at the pump stations and the wastewater treatment plant.

3) Keeler Brook PS Replacement

Ms. Pacelli said that staff has been working with the insurance company as well as FEMA on the claims for the Keeler Brook Pump Station.

f. Sewer Use Bill Appeals/Adjustments Update

1) Appeal Status

Ms. Bauer said the sewer use appeals/ adjustments to date are \$82,724.

8. ADJOURNMENT

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

**** THE MOTION PASSED UNANIMOUSLY.**

The meeting was adjourned at 6:48 PM.

Respectfully submitted,

Dilene Byrd

City of Norwalk
WATER POLLUTION CONTROL AUTHORITY
DRAFT FY 2025-26 Operating Budget Summary

REVENUES (224062)

ACCOUNT	DESCRIPTION		APPROVED FY 24-25		PROJECTED ACTUAL FY 24-25		PROPOSED FY 25-26
	Sewer Use Charges	\$	19,642,000	\$	19,642,000	\$	20,457,000
4513	Norwalk Customers ¹	\$	18,747,000	\$	18,747,000	\$	19,562,000
4521	Wilton Interlocal Agreement ²	\$	850,000	\$	850,000	\$	850,000
4522	Other Contract Customers	\$	45,000	\$	45,000	\$	45,000
	Other Revenues	\$	853,506	\$	872,705	\$	850,647
452C	Industrial Pretreatment Surcharge ³	\$	175,000	\$	175,000	\$	175,000
452D	Sewer Connection Fees	\$	150,000	\$	150,000	\$	150,000
452E	Industrial Pretreatment Interest	\$	5,000	\$	5,000	\$	5,000
4451	Sewer Permits	\$	1,500	\$	1,500	\$	1,500
4807	Reimbursement of Expenses	\$	1,000	\$	1,000	\$	1,000
4453	Septage Haulers Licenses	\$	1,200	\$	1,200	\$	1,200
4516	Septage Disposal Fees	\$	175,000	\$	175,000	\$	175,000
4121	Nitrogen Credits ⁴	\$	30,000	\$	49,199	\$	30,000
4901	Investment Income ⁵	\$	110,000	\$	110,000	\$	110,000
4051	Interest on Delinquent Accounts ⁶	\$	65,000	\$	65,000	\$	65,000
489F	Reimbursement for Indirect Expenses ⁷	\$	139,806	\$	139,806	\$	136,947
TOTAL		\$	20,495,506	\$	20,514,705	\$	21,307,647

¹ Rate increase of approximately 4.4%, which is an increase of \$18 residential; \$26 commercial; \$0.47/1000 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 No change in IPP rates.

⁴ Nitrogen FY25/26 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 2025-26 Operating Budget Summary

EXPENDITURES (224062)

ACCOUNT	DESCRIPTION		APPROVED FY 24-25		PROJECTED ACTUAL FY 24-25		PROPOSED FY 25-26
	Personnel/Benefits	\$	1,219,488	\$	1,203,060	\$	1,235,112
5110	Wages & Salary - Regular ¹	\$	706,026	\$	695,310	\$	716,169
5428	Employee Benefits	\$	376,312	\$	370,600	\$	381,718
5120	Wages & Salary - Overtime	\$	100,000	\$	100,000	\$	100,000
5140	Wages & Salary - Part-time	\$	36,000	\$	36,000	\$	36,000
5150	Longevity	\$	1,150	\$	1,150	\$	1,225
5258	Operations & Maintenance Fees²	\$	10,795,100	\$	10,795,100	\$	11,260,000
5651	Indirect Expenses³	\$	763,653	\$	763,653	\$	768,460
5241	Electricity⁴	\$	1,607,400	\$	1,607,400	\$	1,671,700
5298	Other Contractual Services	\$	250,000	\$	250,000	\$	250,000
5252	Legal Services	\$	250,000	\$	250,000	\$	250,000
	Administration	\$	94,000	\$	94,000	\$	94,000
5286	Business Expense (General Office / Billing Costs)	\$	32,000	\$	32,000	\$	32,000
5245	Telephone	\$	2,000	\$	2,000	\$	2,000
5741	IT Hardware / Software	\$	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 Compensation⁵	\$	88,950	\$	88,950	\$	82,675
5789	Replacement Reserve - Wilton's portion per agreement	\$	-	\$	-	\$	-
5789	Replacement Reserve - Norwalk⁶	\$	261,095	\$	-	\$	568,028
5521	Debt Service - Principal	\$	3,248,691	\$	3,248,691	\$	3,657,413
5522	Debt Service - Interest	\$	1,887,129	\$	1,887,129	\$	1,440,259
TOTAL		\$	20,495,506	\$	20,217,983	\$	21,307,647

¹ Includes step and COL increases.
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, Tax Assessor, Comptroller, IT/GIS, Purchasing, and Management & Budgets), Customer Service, and DPW Engineering.
⁴ Assumes 4% 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.

Capital Improvement Projects

WPCA

Summary Page

#	Project Title	Project	2026	2027	2028	2029	2030	Total
1	COLLECTIONS SYSTEM REHABILITATION	C0361	\$7,600,000	\$7,600,000	\$7,450,000	\$7,000,000	\$7,000,000	\$36,650,000
2	PUMP STATION UPGRADE/REPLACEMENT	C0360	\$0	\$0	\$0	\$0	\$250,000	\$250,000
3	WWTP REHABILITATION/IMPROVEMENT	C0791	\$10,000,000	\$10,000,000	\$0	\$0	\$0	\$20,000,000
Total			\$17,600,000	\$17,600,000	\$7,450,000	\$7,000,000	\$7,250,000	\$56,900,000

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 ? ☒ Yes ☐ No

Project Description

#	FYE	Description	Amount	Justification
1	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.
2	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.
3	2028	Collections System Rehabilitation	\$ 7,450,000	Sewer Capital improvement projects rehabilitating the city's 200 miles of sanitary sewer based on various inspections reviews.
4	2029	Collections System Rehabilitation	\$ 7,000,000	Sewer Capital improvement projects rehabilitating the city's 200 miles of sanitary sewer based on various inspections reviews.
5	2030	Collection System Rehabilitation	\$ 7,000,000	Sewer Capital improvement projects rehabilitating the city's 200 miles of sanitary sewer based on various inspection reviews.
Project Total			\$ 36,650,000	

Expenditure/Revenue Schedule

Expenditures	2025-26 REQ	2026-27 REQ	2027-28 REQ	2028-29 REQ	2029-30 REQ	Total
Engineering/Design	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Site Costs & Acquisition	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Construction (includes remediation)	\$ 7,600,000	\$ 7,600,000	\$ 7,450,000	\$ 7,000,000	\$ 7,000,000	\$ 36,650,000
Equipment/Materials	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Other/Contingency	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total Expenditures	\$ 7,600,000	\$ 7,600,000	\$ 7,450,000	\$ 7,000,000	\$ 7,000,000	\$ 36,650,000
Net Appropriations	\$ 7,600,000	\$ 7,600,000	\$ 7,450,000	\$ 7,000,000	\$ 7,000,000	\$ 36,650,000

Capital Budget Form

Division WPCA
Department
Project Status EXISTING
Project ID C0360
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	2030	Pump Station Upgrade/Replacement	\$ 250,000	Upgrade/Rehabilitation various stations to ensure sanitary sewage is conveyed to WWTP without interruption of service.
Project Total			\$ 250,000	

Expenditure/Revenue Schedule

Expenditures	2029-30 REQ	2030-31 REQ	2031-32 REQ	2032-33 REQ	2033-34 REQ	Total
Engineering/Design	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Site Costs & Acquisition	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Construction (includes remediation)	\$ 250,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 250,000
Equipment/Materials	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Other/Contingency	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total Expenditures	\$ 250,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 250,000
Net Appropriations	\$ 250,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 250,000

Capital Budget Form

Division WPCA

Department

Project Status EXISTING

Project ID C0791

Project Name WWTP REHABILITATION/IMPROVEMENT

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 # 3

Yes No

Is this request for new construction/equipment?

☐ ☒

Is this request for replacement/refurbishment ?

☒ ☐

Project Description

#	FYE	Description	Amount	Justification
1	2026	WWTP Rehabilitation/Improvement	\$ 10,000,000	Implement long-term rehabilitation and improvements at the WWTP.
2	2027	WWTP Rehabilitation/Improvement	\$ 10,000,000	Implement long-term rehabilitation and improvements at the WWTP
Project Total			\$ 20,000,000	

Expenditure/Revenue Schedule

Expenditures	2025-26 REQ	2026-27 REQ	2027-28 REQ	2028-29 REQ	2029-30 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	\$ 0	\$ 0	\$ 0	\$ 20,000,000
Equipment/Materials	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Other/Contingency	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total Expenditures	\$ 10,000,000	\$ 10,000,000	\$ 0	\$ 0	\$ 0	\$ 20,000,000
Net Appropriations	\$ 10,000,000	\$ 10,000,000	\$ 0	\$ 0	\$ 0	\$ 20,000,000

Norwalk Water Pollution Control Authority
Monthly Operating Report
January 2025

EXECUTIVE SUMMARY

January Highlights

- The Water Pollution Control Facility had a successful routine inspection from CT-DEEP in January.
- The Veolia collections system team completed 1.07 miles of TV inspection, the cleaning of 1.18 miles of sewer lines, 19 Manhole Inspections, and 1.23 miles of SL Rat.
- Veolia completed 1.93 miles of Hot List cleaning.
- Veolia responded to 5 service calls.
- The IPP inspection program conducted 41 inspections.
- The CL-17 instrumentation was repaired in January; they have been intermittently offline for the last two years.
- The facility's Nitrogen Performance for January was strong in January at 644 lbs/day.
- The Water Pollution Control Facility followed all permit requirements for the month of January.

Regulatory Events

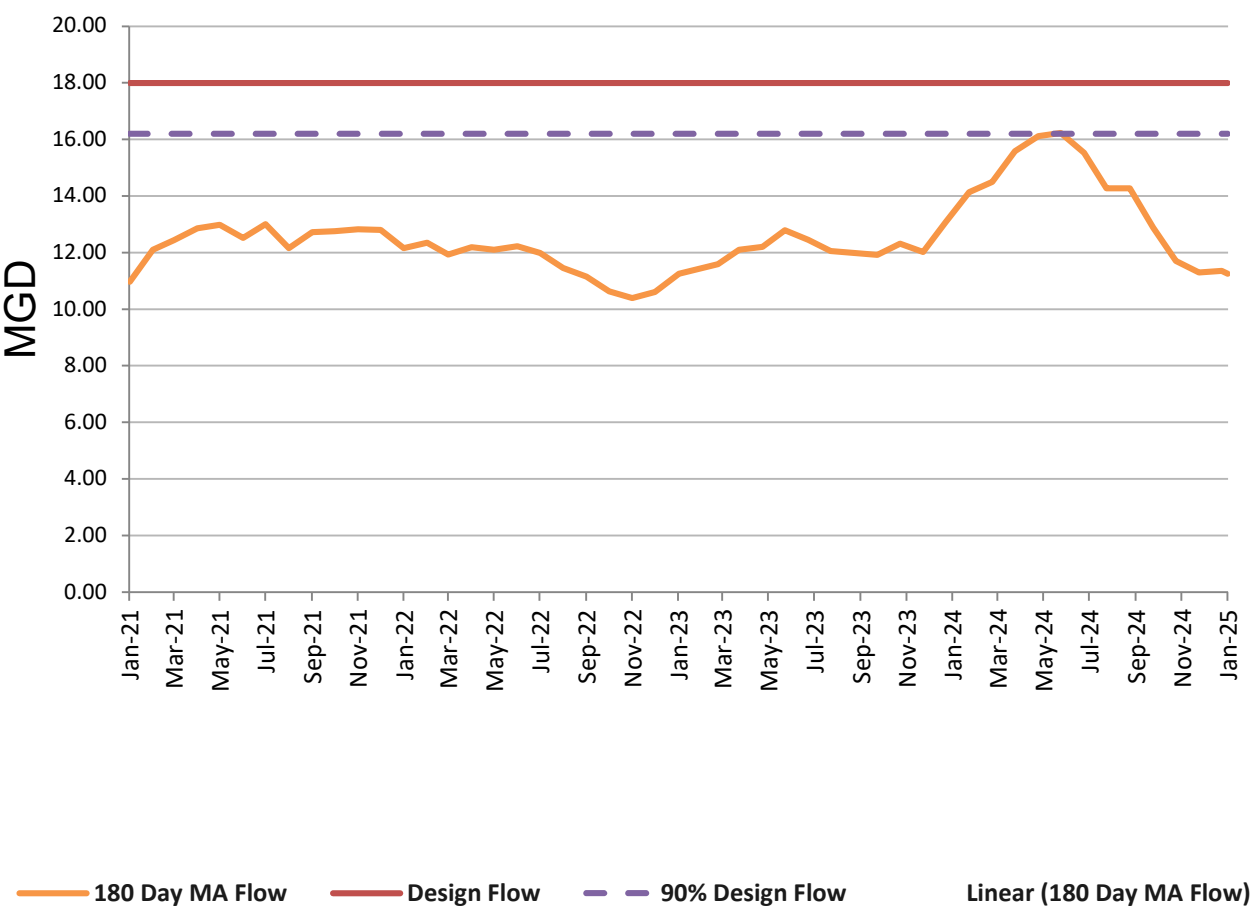
- The Water Pollution Control Facility followed all permit requirements for the month of January.
- The netDMR, MOR and NAR reports were submitted to CT-DEEP and EPA in January
- The Bi- monthly Sludge report was submitted to CT-DEEP.
- The facility had a routine inspection from CT-DEEP in January.

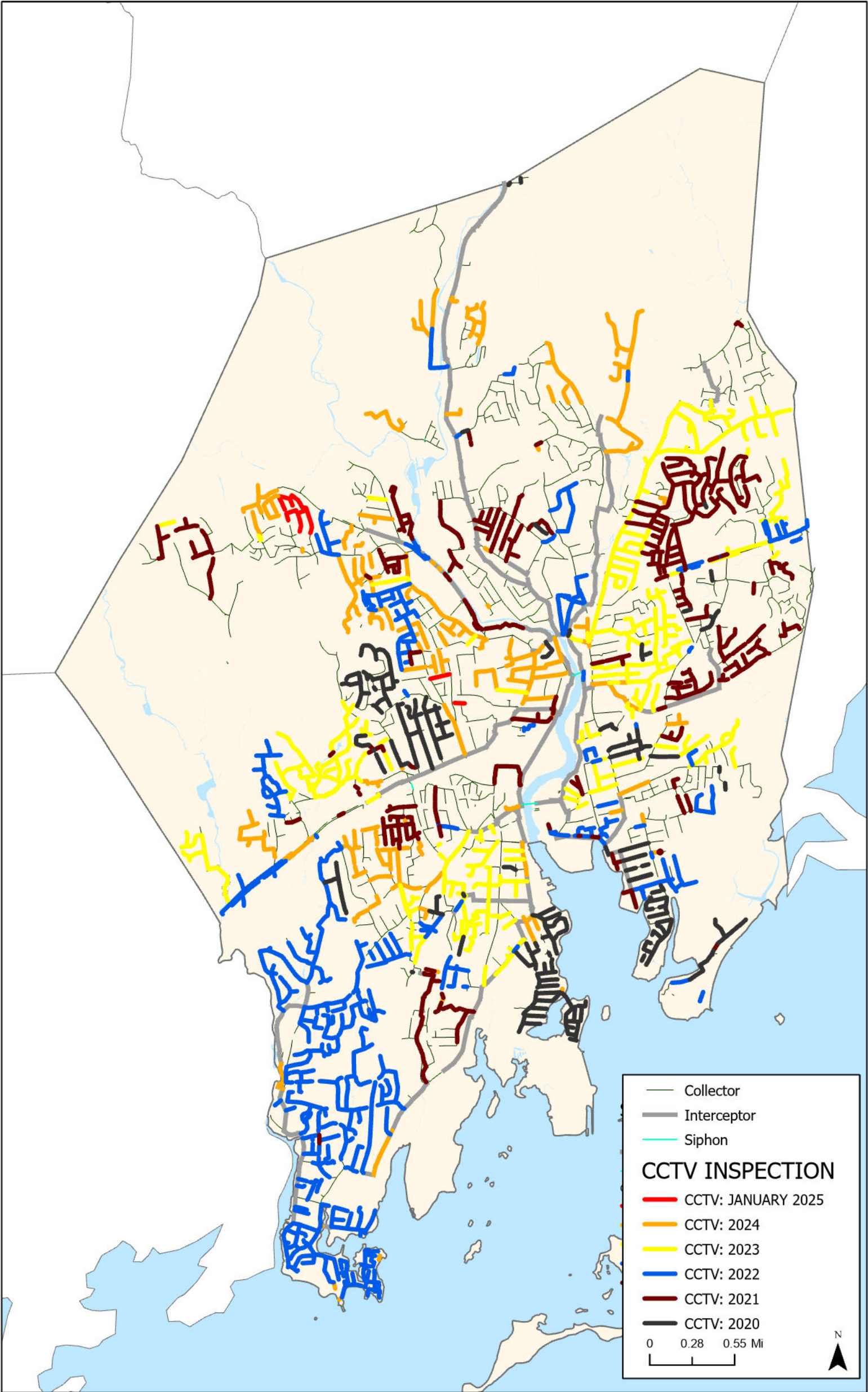
EXECUTIVE SUMMARY - Key Operational Parameters`

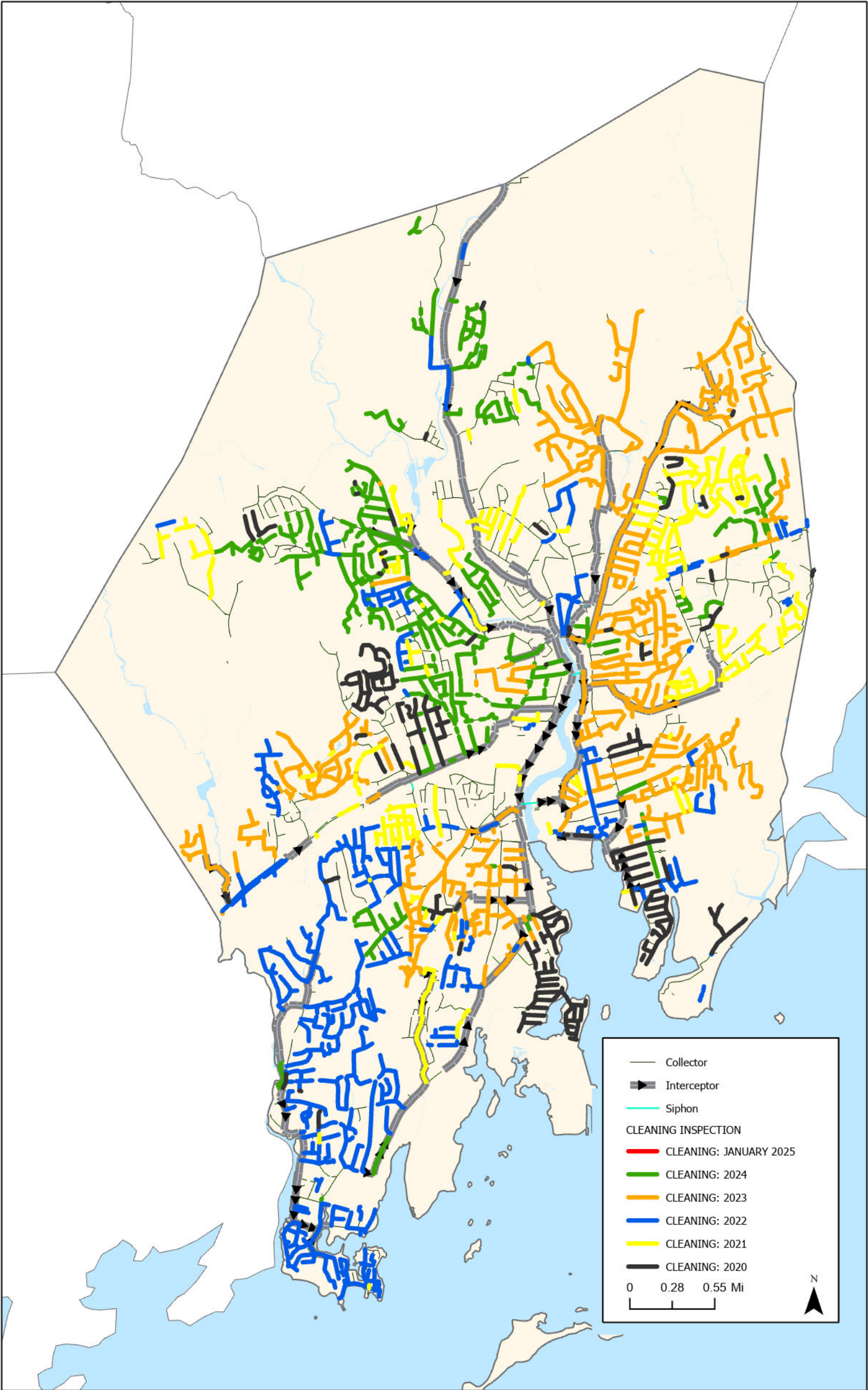
Parameter	Units	January Result	CYTD Result	Contract Limit
Average Daily Flow	MGD	11.2	n/a	n/a
180 Day Average Daily Flow	MGD	11.25	n/a	n/a
Effluent BOD	mg/l	4.5	n/a	10
Effluent TSS	mg/l	6.5	n/a	10
Effluent Fecal Coliform	# / 100 ml	5	n/a	10
Effluent Enterococci	# / 100 ml	14	n/a	30
Effluent Total Chlorine	mg/l	0.01	n/a	0.07
Effluent Total Nitrogen	lbs/day	642	n/a	1,000
Biosolids Quality (cake)	% solids	27.5	n/a	n/a
Biosolids Disposal (cake)	DT/month	279	n/a	n/a
Biosolids Disposal (liq)	DT/month	16	n/a	n/a
Biosolids Disposal (total)	DT/month	295	n/a	n/a
Grit and Screenings	WT/month	7	n/a	n/a
Chemicals – Hypochlorite	gal/month	5380	n/a	n/a
Chemicals – Bisulfite	gal/month	3474	n/a	n/a
Chemicals – Polymer	gal/month	750	n/a	n/a
Chemicals – Odor Control	gal/month	0	n/a	n/a
Sewer Cleaning	Miles	1.18	19.40	3 miles (avg)
CCTV Inspection	Miles	1.07	9.55	2 miles (avg)
Odor Complaints	#	0	n/a	0
SL-RAT Inspection	Miles	1.23	43.31	60 months
Manhole Inspections	#	19	252	50/m
IPP Inspections	#	41	240	Approx. 500/year

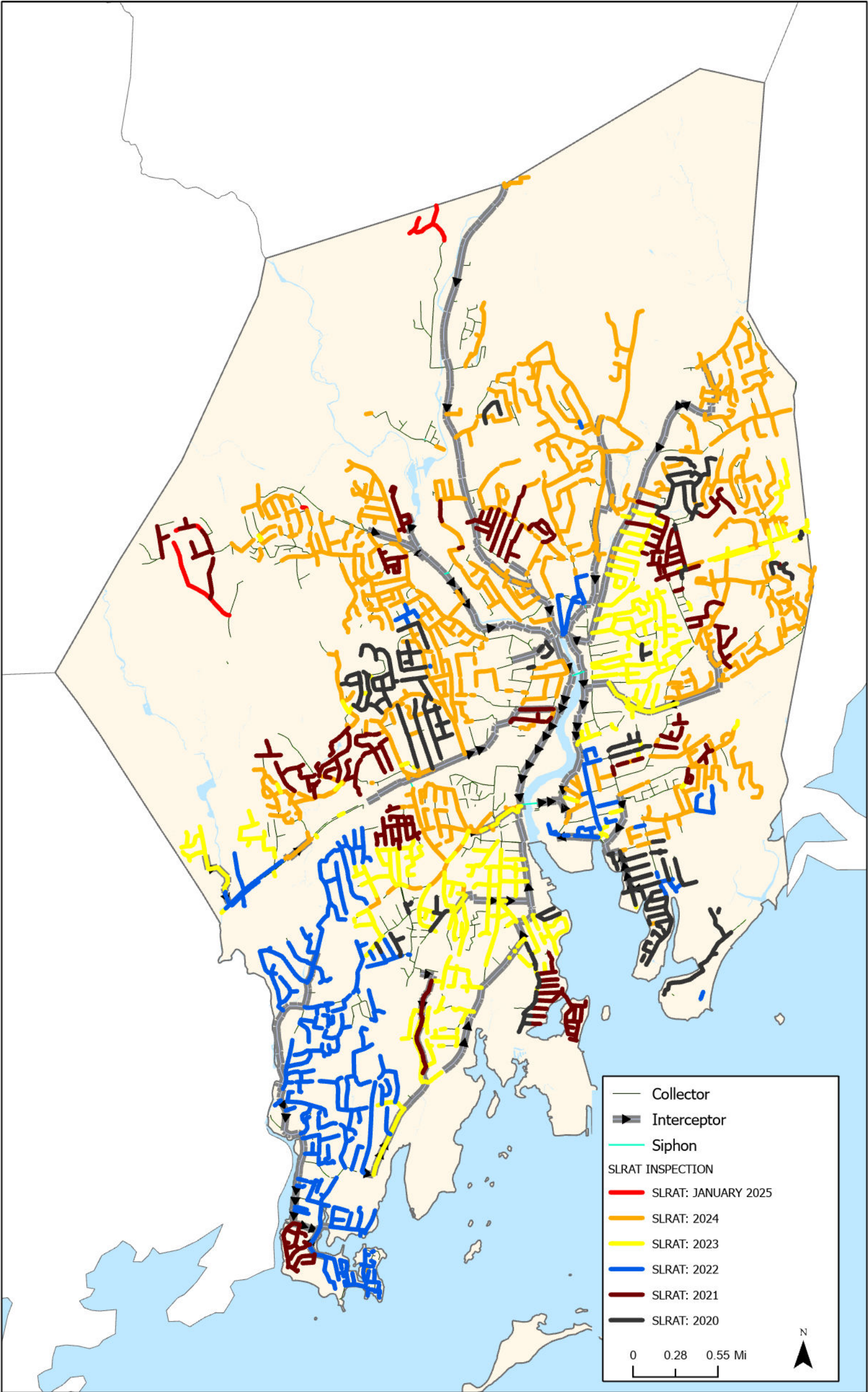
EXECUTIVE SUMMARY - Influent Flow

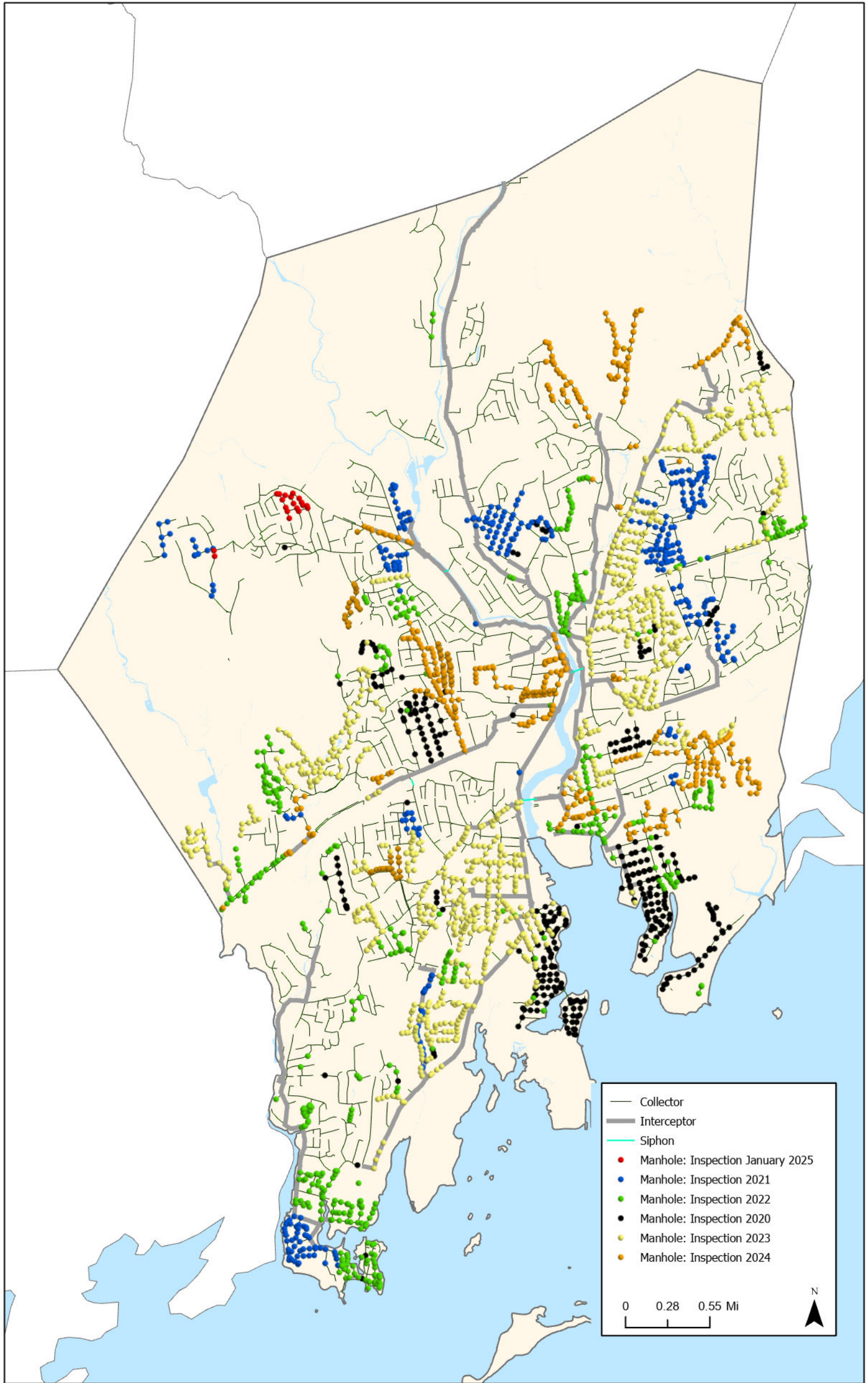
Influent Flow











YEAR-TO-DATE BUDGET REPORT

FOR 2025 99

ACCOUNTS FOR: 22	WATER POLLUTION CONTROL	ORIGINAL APPROP	TRANSFRS/ ADJUSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
040 PUBLIC WORKS								
224062 WATER POLLUTION CONTROL								
224062 4051 INTEREST		-65,000	0	-65,000	-74,920.09	.00	9,920.09	115.3%
224062 4121 NITROGEN		-30,000	0	-30,000	-49,199.00	.00	19,199.00	164.0%
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	.00	.00	-1,200.00	.0%
224062 4513 SEWER CHR		-18,747,000	0	-18,747,000	84,064.15	.00	-18,831,064.15	-.4%
224062 4516 SPT DIS FE		-175,000	0	-175,000	-137,395.00	.00	-37,605.00	78.5%
224062 4521 WILTON SU		-850,000	0	-850,000	-886,647.63	.00	36,647.63	104.3%
224062 4522 SEWER USE		-45,000	0	-45,000	-83,268.00	.00	38,268.00	185.0%
224062 452C INDUSTRIAL		-175,000	0	-175,000	-1,500.00	.00	-173,500.00	.9%
224062 452D SEWER CONN		-150,000	0	-150,000	-281,577.15	.00	131,577.15	187.7%
224062 452E IPP INTERE		-5,000	0	-5,000	-5,368.30	.00	368.30	107.4%
224062 4807 REIMB EXP		-1,000	0	-1,000	.00	.00	-1,000.00	.0%
224062 489F REIMB GF		-139,806	0	-139,806	.00	.00	-139,806.00	.0%
224062 4901 INV INCOME		-110,000	0	-110,000	.00	.00	-110,000.00	.0%
TOTAL WATER POLLUTION CONTROL		-20,495,506	0	-20,495,506	-1,436,811.02	.00	-19,058,694.98	7.0%
TOTAL PUBLIC WORKS		-20,495,506	0	-20,495,506	-1,436,811.02	.00	-19,058,694.98	7.0%
TOTAL WATER POLLUTION CONTROL		-20,495,506	0	-20,495,506	-1,436,811.02	.00	-19,058,694.98	7.0%
TOTAL REVENUES		-20,495,506	0	-20,495,506	-1,436,811.02	.00	-19,058,694.98	

YEAR-TO-DATE BUDGET REPORT

FOR 2025 99

ACCOUNTS FOR:	WATER POLLUTION CONTROL	ORIGINAL APPROP	TRANSFRS/ADJUSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
22								
040 PUBLIC WORKS								
224062 WATER POLLUTION CONTROL								
224062 5110 WAGES & SA	706,026	0	0	706,026	339,499.83	.00	366,526.17	48.1%
224062 5120 WAGES & SA	100,000	0	0	100,000	2,981.75	.00	97,018.25	3.0%
224062 5140 WAGES & SA	36,000	0	0	36,000	.00	.00	36,000.00	.0%
224062 5150 LONGEVITY	1,150	0	0	1,150	1,225.00	.00	9,702.50	106.5%
224062 5235 MEMBERSHIP	10,000	0	0	10,000	297.50	.00	186,028.87	3.0%
224062 5241 ELECTRIC	1,607,400	0	0	1,607,400	916,925.12	504,446.01	1,787.38	88.4%
224062 5245 TELEPHONE	2,000	0	0	2,000	212.62	.00	100,000.00	10.6%
224062 5252 LEGAL SERV	250,000	0	0	250,000	100,743.00	49,257.00	11,294.85	60.0%
224062 5258 OMI	10,795,100	692,522	0	11,487,622	5,317,071.55	6,170,550.37	11,879.77	100.0%
224062 5286 BUSINESS E	32,000	0	0	32,000	11,760.53	8,944.62	234,780.00	64.7%
224062 5295 SEMINAR&CO	20,000	0	0	20,000	8,120.23	.00	88,950.00	40.6%
224062 5298 OTHER	250,000	4,500	0	254,500	3,020.00	16,700.00	376,312.00	7.7%
224062 5418 INSURANCE	88,950	0	0	88,950	.00	.00	376,312.00	.0%
224062 5428 BENEFITS	376,312	0	0	376,312	2,683,033.82	.00	565,657.18	.0%
224062 5521 PRINCIPAL	3,248,691	0	0	3,248,691	1,154,655.72	.00	732,473.28	82.6%
224062 5522 INTEREST	1,887,129	0	0	1,887,129	48,170.00	.00	-48,170.00	61.2%
224062 5523 BOND EXP	0	0	0	0	.00	.00	763,653.00	100.0%
224062 5651 TO G/F	763,653	0	0	763,653	30,250.00	.00	29,750.00	.0%
224062 5741 IT HARDWAR	60,000	0	0	60,000	.00	.00	261,095.00	50.4%
224062 5789 RESERVE	261,095	0	0	261,095	.00	.00	3,824,663.25	.0%
TOTAL WATER POLLUTION CONTROL	20,495,506	697,022	0	21,192,528	10,617,966.67	6,749,898.00	3,824,663.25	82.0%
TOTAL PUBLIC WORKS	20,495,506	697,022	0	21,192,528	10,617,966.67	6,749,898.00	3,824,663.25	82.0%
TOTAL WATER POLLUTION CONTROL	20,495,506	697,022	0	21,192,528	10,617,966.67	6,749,898.00	3,824,663.25	82.0%
TOTAL EXPENSES	20,495,506	697,022	0	21,192,528	10,617,966.67	6,749,898.00	3,824,663.25	82.0%

PROFESSIONAL SERVICES TASK ORDER

Task Order Number: 07
Amendment No. 3
Task Order Date: June 5, 2024

Subject to the AGREEMENT FOR ON-CALL ENGINEERING SERVICES BY AND BETWEEN WATER POLLUTION CONTROL AUTHORITY OF THE CITY OF NORWALK AND BROWN AND CALDWELL, (hereinafter referred to as the "Agreement"), WPCA hereby directs ENGINEER to perform the professional engineering services specified in this Task Order in accordance with the Agreement.

1. Project Description:

Project Number: Task Order No. 7 Amendment No. 3
Project Name: Hubbells Lane Sanitary Relief Sewer Design
Description: Subsurface Utility Location E Wall St

2. Scope of Work:

The scope of work to be performed hereunder is described in Exhibit A.

3. Time Schedule:

Engineer shall complete the work required by this Task Order within two (2) months of the notice to proceed.

4. Compensation:

Engineer shall be paid for the performance of services described in this Task Order on a cost-plus basis with a maximum of one hundred eighty eight thousand Dollars (\$188,000). Services will be billed on a monthly basis.

5. Special Conditions:

None

6. Amendment: This Task Order amends a previously executed Task Order: 07

ISSUED AND AUTHORIZED BY:

WPCA

By: Nelga Bauer

Title: Wastewater Systems Manager

ACCEPTED AND AGREED TO BY:

ENGINEER

By: E. J. Min

Title: Senior Vice President

PROFESSIONAL SERVICES TASK ORDER

Task Order Number: 07

Exhibit A: Scope of Work

Understanding

The purpose of this additional project scope is to perform fourteen (14) test pits via vacuum excavation on E Wall St, for the purpose of locating buried utilities. Twelve (12) vacuum excavation test pits are to locate utilities associated with the Hubbells Ln Relief Sewer project, and two (2) are associated with City of Norwalk Traffic, Planning, and Mobility (TMP) streetscaping on E Wall St.

Phase 4: 90% Design

Task 4.6. Subsurface Utility Location E Wall St

In advance of subsurface utility locating fieldwork:

- BC will develop a fieldwork safety plan.
- BC and Haley and Aldrich will coordinate on traffic management plans, submit, modify as needed, and receive road encroachment permits from City of Norwalk.
- BC will coordinate with Norwalk WPCA, TMP, and DPW as necessary.
- Haley and Aldrich will coordinate with Norwalk Police via Rollkall for police details required for traffic control.

During subsurface utility location via vacuum excavation at the fourteen (14) locations identified in Appendix A:

- BC and Haley and Alrich staff shall be present to monitor and manage fieldwork.
- Accurate Land Surveying will have a staff present to locate pot hole locations and survey located utilities.
- All potholes will be backfilled with removed material and pavement shall be restored with a temporary cold asphalt patch. An allowance has been carried for subsequent Norwalk DPW pavement restoration.

Task 4.6 Deliverables

- Survey data point data for located subsurface utilities incorporated into the Hubbells Ln Relief Sewer design and shared with Norwalk WPCA.

Budget

Amendment 3's Task 4.6 will be invoiced on a cost-plus basis with a maximum of \$188,000. The maximum is based on a "worst case" scenario where it takes one working day to complete each utility pothole, or 14 days total. It is anticipated that each day less than 14 it takes to complete the work there would be an approximate \$7,000 savings from the maximum. An updated project budget is presented below in Table 1:

Phase	Task	Original Contract Value	Amendment 1: Characterization of Soil/GW Contamination	Amendment 2: East Wall Street Sewer Separation Design	Amendment 3: East Wall Street Subsurface Utility Location	Updated Contract Value Subtotals by Task
Phase 1 Project Management	Task 1.1 Project Management	\$ 122,654.19				\$ 122,654.19
	Task 1.2 Project Meetings	\$ 9,769.28				\$ 9,769.28
	Task 1.3 Schedule and Budget Management	\$ 4,500.97				\$ 4,500.97
	Task 1.4 Public Outreach	\$ 3,262.46				\$ 3,262.46
Phase 2 Preliminary Engineering Report	Task 2.1 Data Collection	\$ 2,321.55				\$ 2,321.55
	Task 2.2 Survey and SUE_A	\$ 29,531.40				\$ 29,531.40
	Task 2.3 Geotechnical Allowance	\$ 58,317.38				\$ 58,317.38
	Task 2.4 Draft Preliminary Engineering Report	\$ 23,751.59				\$ 23,751.59
	Task 2.5 Cost opinion	\$ 4,326.90				\$ 4,326.90
	Task 2.6 Preliminary Engineering Report QAQC	\$ 6,634.15				\$ 6,634.15
	Task 2.7 Final Preliminary Engineering Report	\$ 7,835.04				\$ 7,835.04
Phase 3 60% Design	Task 3.1 60% Drawing Preparation	\$ 24,073.54				\$ 24,073.54
	Task 3.2 Outline of Specifications	\$ 1,546.15				\$ 1,546.15
	Task 3.3 60% Cost Opinion	\$ 3,535.37				\$ 3,535.37
	Task 3.4 Agency Coordination Permitting	\$ 7,827.94				\$ 7,827.94
	Task 3.5 60% Design QAQC	\$ 8,465.94				\$ 8,465.94
	Task 3.6 Characterization of Soil/Groundwater Contamination		\$ 47,500.00			\$ 47,500.00
Phase 4 90% Design	Task 4.1 90% Drawing Preparation	\$ 14,604.51		\$ 55,624.34		\$ 70,228.85
	Task 4.2 90% Specifications	\$ 6,294.96		\$ 8,256.12		\$ 14,551.08
	Task 4.3 90% Cost Opinion	\$ 3,535.37		\$ 7,263.31		\$ 10,798.68
	Task 4.4 90% Design QAQC	\$ 7,628.92		\$ 8,844.42		\$ 16,473.34
	Task 4.5 Smoke Testing E Wall St			\$ 6,600.00		\$ 6,600.00
	Task 4.6 E Wall St Subsurface Utility Location				\$ 188,000.00	\$ 188,000.00
Phase 5 100% Design	Task 5.1 100% Drawing Preparation	\$ 11,663.67		\$ 28,940.88		\$ 40,604.55
	Task 5.2 100% Specifications	\$ 4,956.84		\$ 4,200.30		\$ 9,157.14
	Task 5.3 100% Cost Opinion	\$ 3,535.37		\$ 3,464.63		\$ 7,000.00
	Task 5.4 100% Design QAQC	\$ 5,525.35		\$ 7,806.00		\$ 13,331.35
Phase 6 Bidding Support	Task 6.1 Pre-Bid Conference	\$ 2,167.83				\$ 2,167.83
	Task 6.2 Bidding Addenda	\$ 2,193.28				\$ 2,193.28
	Task 6.3 Bid Evaluation and Recommendation	\$ 3,447.74				\$ 3,447.74
	Task 6.4 Development of Conformed Contract Documents	\$ 6,092.31				\$ 6,092.31
Grand Total		\$ 390,000.00	\$ 47,500.00	\$ 131,000.00	\$ 188,000.00	\$ 756,500.00

Schedule

Amendment 3 shall be completed in March 2025.



ENGINEERING AGREEMENT APPROVAL

February 5, 2025

Ralph K. Kolb, P.E.
Sr. Environmental Engineer
Norwalk Water Pollution Control Authority
15 South Smith Street
Norwalk, CT 06855
via email: rkolb@norwalkct.gov

Re: CWF-TBD
WPCF Final Settling Tanks Upgrade
Draft Engineering Agreement

Dear Mr. Kolb:

This office has reviewed draft copies of the Engineering Agreement dated December 6, 2024 between the City of Norwalk and Arcadis and the accompanying Forms 5700-41 for the above-referenced project.

This Engineering Agreement is for Design and Bid phase Services for the final settling tank upgrade project at the treatment facility. The design phase services will include development of 100 % design documents. The bid phase services will include preparation of pre-bid meeting documents and addenda, development of responses to bidder's questions, and a final bid evaluation letter to the Norwalk WPCA.

	Requested Amount	CWF Eligible Amount	CWF Ineligible Amount
Direct Labor	\$282,083.00	\$282,083.00	\$0.00
Indirect Costs	\$439,287.00	\$439,287.00	\$0.00
Other Direct Costs			
Transportation	\$2,300.00	\$2,300.00	\$0.00
Software	\$1,000.00	\$1,000.00	\$0.00
Supplies/Materials	\$1,000.00	\$1,000.00	\$0.00
Other Direct Costs Subtotal	\$4,300.00	\$4,300.00	\$4,300.00
Subcontracts			
NASCO (WBE) 5.3 %	\$53,550.00	\$53,550.00	\$0.00
ELECSYS (MBE) 3.5 %	\$99,750.00	\$99,750.00	\$0.00
Subcontracts Subtotal	\$153,300.00	\$153,300.00	\$0.00
Profit	\$115,662.00	\$115,662.00	\$0.00
Total	\$994,632.00	\$994,632.00	\$0.00

The Department of Energy and Environmental Protection (DEEP) has reviewed the subagreement and has determined that it is in compliance with the regulatory procedures contained in Sections 22a-482-4 (g) and 22a-482-4 (k) of the Regulations of Connecticut State Agencies. Approval is given for the amounts shown above as these are the amounts that pertain to the services to be provided under this project.

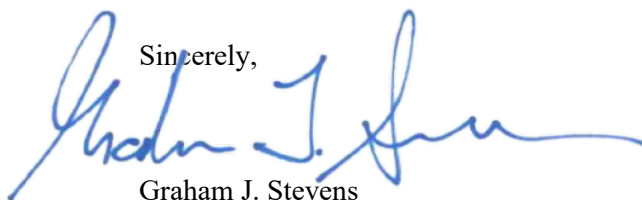
The approval by DEEP of an engineering agreement or amendment does not relieve the consulting engineer from the certified understanding that the subagreement price may be subject to downward renegotiation and/or recoupment where the cost and price data submitted have been determined, as a result of audit, not to have been complete, current and accurate as of the certified date. The Approval of the Engineering Agreement and the associated fees should not be interpreted as approval for additional grants funds. Furthermore, for engineering agreements and amendments, please note that Section 22a-482-2(d)(3) of the Regulations of Connecticut State Agencies state that "...no financial assistance will be allowed for any engineering work performed before award without the prior written approval of the Commissioner."

You are reminded that the Clean Water Fund MBE/WBE requirements are applicable to this approval. The goal for participation by subconsultants is 3.0% of the total approved contract amount for Minority Owned Business Enterprises (MBEs), and 5.0% of the total approved contract amount for Women Owned Business Enterprises (WBEs). The engineer is required to submit executed subagreements meeting or exceeding this goal within fifteen (15) days of executing the engineering contract or the date of this approval, whichever is later. No payments will be processed by DEEP for engineering services until these goals have been met and the appropriate executed subagreements have been submitted. Please submit one copy of each subagreement to Robert Chandler via email at robert.chandler@ct.gov.

This APPROVAL does not relieve you of the obligation to obtain any other authorizations as may be required by Federal, State or Local Laws or regulations.

If you have any questions regarding this matter, please contact Syed Bokhari at (860) 424-3107 or syed.bokhari@ct.gov.

Sincerely,



Graham J. Stevens
Bureau Chief
Bureau of Water Protection and Land Reuse

GJS/smb

e-copies: Vanessa Valadares, Norwalk (VValadares@norwalkct.gov)
Mary Penny, Arcadis (mary.penny@arcadis.com)
Vanessa McPherson, Arcadis (vanessa.mcpherson@arcadis.com)
Robert Chandler, DEEP CWF Financial (robert.chandler@ct.gov)
Kymberly Cianci, DEEP CWF Financial, (kymberly.cianci@ct.gov)

PROFESSIONAL SERVICES TASK ORDER

Task Order Number: 02

Amendment No. 3

Task Order Date: January 29th, 2025

Subject to the AGREEMENT FOR ON-CALL ENGINEERING SERVICES BY AND BETWEEN WATER POLLUTION CONTROL AUTHORITY OF THE CITY OF NORWALK AND BROWN AND CALDWELL, (hereinafter referred to as the "Agreement"), WPCA hereby directs ENGINEER to perform the professional engineering services specified in this Task Order in accordance with the Agreement.

1. Project Description:

Project Number: Task Order No. 2 Amendment No. 3

Project Name: Project During Construction

Description: Assist WPCA Services During Construction for the Sanitary Sewer Improvements Project WPCA 2023-01.

2. Scope of Work:

The scope of work to be performed hereunder is described in Exhibit A.

3. Time Schedule:

Engineer shall complete the work required by this Task Order within the contract project completion date.

4. Compensation:

Engineer shall be paid for the performance of services described in this Task Order in an amount not to exceed one-hundred eleven thousand and five hundred forty five (\$111,545.00) Dollars. Services will be billed on a monthly basis on a percent complete by Task.

5. Special Conditions:

None

6. Amendment: This Task Order amends a previously executed Task Order:

Previous Task Order Number: 02

ISSUED AND AUTHORIZED BY:

WPCA

By: Ralph L. Zolt

Title: Sr. Environmental Engineer

ACCEPTED AND AGREED TO BY:

ENGINEER

By: Eric J. Min

Title: Senior Vice President

PROFESSIONAL SERVICES TASK ORDER

Task Order Number: 02, Amendment No.3

Exhibit A: Scope of Work

Additional Engineering Services During Construction – Administration and Inspection

Understanding:

The purpose of this Amendment is to add additional budget for Brown & Caldwell to continue providing the already agreed upon services outlined in Task Order No. 2 Amendment No. 1. Since the issuance of Task Order No.2 Amendment 2, the Sanitary Sewer Rehabilitation Project has expanded the CIPP lining scope to include an additional 7,105 linear feet of lining to be performed. This additional work will require administration and inspection services be performed by B&C in support of field operations being conducted by the contractor. This will also include assisting in traffic control plans and coordination with all required agencies due to the sensitivity of the proposed work area. This amendment will also include coordination with Flow Assessment. Please see Table 1 below that breaks down the bid item quantities that have been added to the contractor's scope.

Table 1. Additional Quantities Added to Project Scope To-Date		
Bid Item	Description	Added Scope
3	Pre-CIPP CCTV	7,105 lf
5	8" Pipe CIPP	4,884 lf
6	10" Pipe CIPP	205 lf
7	12" Pipe CIPP	2,016 lf

Contract & Budget Impacts:

An updated contract value is presented below in Table 1.

Table 1. Contract Values	
Original TO 2 Contract Value	\$215,000.00
Amendment 1 Value	\$368,000.00
Amendment 2 Value	\$143,872.00
Original + Amendment 1 & 2 Total	\$726,872.00
Amendment 3 Value	\$111,545.00
Updated TO2 Contract Value	\$838,417.00

Below is a breakdown of estimated hours by task;

	Construction Management	Civil Lead	Administrative Assistant	Engineer	Hours	Labor	Expenses	Total
	\$197	\$190	\$120	\$160				
6.2. Construction Administration						\$ 11,400		\$ 10,200
General Construction Administration		20		40	60	\$ 10,200		\$ 10,200
Flo Assessment Coordination			10		10	\$ 1,200	\$ 15,200	\$ 16,400
Pre Construction Meeting					-	\$ -		\$ -
Construction Progress Meetings					-	\$ -		\$ -
Coordination Meetings with Other Agencies					-	\$ -		\$ -
Issue Resolution Meetings					-	\$ -		\$ -
Review of Submittals and Shop Drawings					-	\$ -		\$ -
Respond to Requests for Information					-	\$ -		\$ -
Change Orders and Work Change Directives					-	\$ -		\$ -
Develop Requests for Proposal					-	\$ -		\$ -
Substitutions					-	\$ -		\$ -
Applications for Payment					-	\$ -		\$ -
Bypass Review and Coordination					-	\$ -		\$ -
Permitting Support					-	\$ -		\$ -
6.3. Construction Management Services						\$ 80,770	\$ 4,250	\$ 85,020
Construction Manager	410				410	\$ 80,770	\$ 4,250	\$ 85,020
Total	410	20	10	40	480	\$ 90,970	\$ 19,450	\$ 111,545



February 11, 2025

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
2024 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 2024 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, 2024, through December 31, 2024, which the City submits in accordance with Section 9(A)(6) of the above referenced NPDES permit.

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". The signature is written in a cursive, flowing style.

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

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

2024 City of Norwalk CSO Monitoring Report

Prepared by:

**Veolia & the Norwalk WPCA
February 11, 2025**



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. Note, there were no events to report other than those associated with Outfall 002-1 in 2024.

(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 2024, Trevor Steeprock (Veolia's Project Manager / Chief Operator) was appointed as the operations and maintenance manager responsible for the wastewater collection system. In his role, Mr. Steeprock serves as the point of contact for Connecticut Department of Energy and Environmental Protection (CT DEEP or Department) personnel regarding combined sewer discharges. By having Mr. Steeprock 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 Facility during wet weather events. One way this is achieved is through automatic controls on the 42-inch sluice gate located on the west 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 before capacity is fully utilized; 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 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 for 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 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 CT DEEP, 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 utilizing tools like closed-circuit television (CCTV).

As another example, to achieve the goal of significantly reducing public inflow to the collection system, in 2024 and early 2025, Norwalk's Department of Public Works had its on-call construction contractor disconnect six catch basins from the sanitary sewer. The six catch basins were then connected to the stormwater system to minimize excess flow to the Facility. These catch basins are in

addition to the initial group evaluated as part of the Catch Basin Disconnection Program.

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 for 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 due to catch basin disconnection; and develop preliminary plans, cost estimates, and a schedule for catch basin disconnection. A basis of design report for this work was finalized in May 2024.

In 2025, Norwalk's Department of Public Works plans to have its on-call construction contractor review and disconnect four of the catch basins from the sanitary sewer identified in the basis of design report.

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 a 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. As of the end of 2024, the project is at 90% design. It is anticipated the design will be finalized in 2025.

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. WPCA Project 2023-01 also includes cleaning, televising, and CIPP lining of approximately 63,000 feet of sanitary sewer mains ranging from 8-inch to 24-inch, rehabilitating approximately 4,000 vertical feet of manholes, and grouting of approximately 1,750 sewer lateral connections.

Construction bids for this work were received on September 28, 2023, and the WPCA entered into a contract with Insituform Technologies, LLC on December 7, 2023. In 2024, approximately 55,000 feet of sanitary sewer mains were cleaned, televised, and CIPP lined. Work continues into 2025 with the WPCA having expanded the original scope of work with additional change orders.

6. Facility Plan Update

On September 29, 2023, the WPCA submitted a Facility Plan Update to CT DEEP. The Facility Plan Update identifies capital improvement projects that will reduce flow to the WPCA, mitigate potential CSOs, and eliminate Outfall 002-1. On November 1, 2024, the WPCA submitted correspondence to CT DEEP responding to the Department's comments on the Facility Plan Update and providing a revised proposal for complete elimination of Outfall 002-1. The Department is currently reviewing the Facility Plan Update and follow up correspondence in an effort to provide final approval.

7. Veolia Collections Team

The Veolia Collections Team continues to advance collection system cleaning and assessment of assets using CCTV and pipe grading in accordance with the National Association of Sewer Service Companies Pipeline Assessment Certification Program (PACP). The WPCA has included CCTV inspections in its contract with Veolia, requiring the inspection of, at minimum, two miles of collection system piping per month using CCTV. The Veolia team also brings state of the art equipment to the WPCA's collection system, such as the Sewer Line Rapid Assessment Tool (SL-RAT) that performs acoustical inspections as well as Smart Manhole Covers that provide real-time flow monitoring. In 2024, the team completed the following:

- Sewer Cleaning: 29.68 miles
- Hot Spot Cleaning: 14.51 miles
- CCTV Inspection: 19.12 miles
- Manhole Inspection: 635 inspections
- SL-RAT: 59.84 miles

8. Smart Cover Deployment

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

9. Targeted Inflow Minimization

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

10. Pump Station Upgrades

Pursuant to the City's operations contract with Veolia, Veolia performs weekly inspection and maintenance activities at the City's 22 pump stations. In 2019 the WPCA prepared a Pump Station Asset Management Plan. Pursuant to this plan, the WPCA is proactively working with its consultants on an ongoing basis to upgrade and maintain pump station infrastructure, including development of engineering redundancies, to minimize the occurrence of CSOs.

11. SCADA

The City's Supervisory Control and Data Acquisition (SCADA) program allows for continuous monitoring, operation, and alarm notification of critical and non-critical process systems at the Facility and pump stations. This technology allows the WPCA to expeditiously identify and pre-emptively mitigate potential CSOs in its system.

Appendix A

Norwalk WPCF Storm CSO Events 2024

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	1/9/2024 - 1/10/24	Outfall 002-1	15:33	4.27	10:35 PM	1:08 PM	1.93	0.00	220	6.74	10	0	Pass
2	1/13/2024	Outfall 002-1	12:45	7.09	5:45 AM	6:30 PM	1.04	0.00	50	32.5	<10	<10	N/A
3	3/6/24 - 3/7/24	Outfall 002-1	15:31	4.27	9:19 PM	12:50 PM	2.21	0.02	25	37.4	20	41	N/A
4	3/9/2024 - 3/10/24	Outfall 002-1	24:15	7.54	9:20 PM	9:35 PM	1.93	0.00	139	61.1	0	20	N/A
5	3/23/24 - 3/24/24	Outfall 002-1	8:45	5.14	3:45 PM	12:30 AM	3.48	0.01	151	86.7	31	41	N/A
6	4/3/2024 - 4/4/24	Outfall 002-1	4:35	2.21	8:45 PM	1:20 AM	1.65	0.00	48	81.4	10	20	N/A
7	7/17/24 - 7/18/24	Outfall 002-1	5:32	2.58	7:08 PM	12:40 AM	2.34	0.01	76	98.2	5200	200	Pass
8	8/18/2024	Outfall 002-1	9:27	9.1	9:13 AM	6:40 PM	4.25	0	294	171	10	175	N/A
Total				42.2			18.83						
Average				5.28			2.35						
Max				9.1			4.25						

Footnotes:

- 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).
- The Quantity for Rain Event in (inches) is based on the Norwalk Health Department Rain Gauge.
- There were no events to report other than those associated with Outfall 002-1 in 2024.