



REGULAR MEETING – WATER POLLUTION CONTROL AUTHORITY AGENDA

**JULY 20, 2026, 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. CALL TO ORDER**
- II. ROLL CALL**
- III. ACCEPTANCE OF MINUTES**
 - A. Regular Meeting: April 20, 2026, and June 15, 2026**
- IV. PUBLIC PARTICIPATION**
- V. NEW BUSINESS**
 - A. Election of Officers and Secretary for the period between July 1, 2026, and June 30, 2027.**
- VI. OLD BUSINESS**
 - A. Contract Operations Report:**

1. Veolia Monthly Operating Report — June 2026 (copy included)
2. Veolia Staff Updates (copy included)
3. Major Repair or Replacement/Out of Scope Items:
 - a. MRR 07-001 (copy included)

B. Reports:

1. FY 25/26 Revenues/Expenditures Report (copy included)
2. Consent Order 2026 Annual Progress Report (copy included)

C. Discussion on WPCA Engineering Projects:

1. WWTP- Final Settling Tanks Upgrade
2. Collection — City of Norwalk for Bettswood Road and Barbara Drive Drainage Improvements and Sewer Separation

D. Discussion on WPCA Construction Projects:

1. PS- Keeler Brook PS Replacement
2. Collection — Beacon Street Sanitary Sewer Replacement (copy included)
3. Walk Bridge Program — FT. Point Street Sanitary Sewer Replacement

E. Sewer Use Appeals/Adjustments Update

F. Information Copies:

1. Nitrogen Performance 2025 (copy included)

VII. DISCUSSION

UPCOMING MEETINGS

Monday, August 17, 2026, 5:30 P.M.

VIII. ADJOURNMENT

**CITY OF NORWALK
WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING MINUTES - APRIL 20, 2026 AT 5:30 PM
VIA ZOOM VIRTUAL MEETING**

ATTENDANCE: Darren Oustafine, Chairman; John Igneri, Vice Chairman; Ed Abrams; John Bove; Joshua Goldstein; Christopher Mannella; Anne Wennerstrand.

STAFF: Vanessa Valadares; Ralph Kolb; Mario Pizighelli; Dilene Byrd; Christine Pacelli.

OTHERS: Trevor Steeprock (Veolia)

CALL TO ORDER

Chairman Oustafine called the meeting to order at 5:30 p.m. There was a quorum present.

ROLL CALL

Chairman Oustafine conducted a roll call and acknowledged those present as noted above.

ACCEPTANCE OF MINUTES

A. Regular Meeting: March 16, 2026

Mr. Mannella noted a correction to the attendance.

****MR. IGNERI MOVED TO APPROVE THE MINUTES OF THE MARCH 16, 2026, REGULAR MEETING.**

****MOTION PASSED UNANIMOUSLY.**

PUBLIC PARTICIPATION

Public participation was opened. No public comments were received. Public participation was closed.

OLD BUSINESS

A. Contract Operations Report:

1. Veolia Monthly Operating Report — March 2026 (copy included) Mr. Steeprock presented the Veolia Monthly Operating Report for March 2026, highlighting collection system activities (CCTV inspections, cleaning, manhole inspections, service calls), plant maintenance (including in-house installation of the new screenings wash press resulting

in cost savings), operations, nitrogen performance, and regulatory compliance. The Board discussed the report.

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

B. Reports:

1. Ms. Pacelli presented the MUNIS report FY 25/26 Revenues/Expenditures MUNIS Report (copy included). No questions or comments.

C. Discussion on WPCA Engineering Projects:

1. Ms. Pacelli provided updates on WWTP – Final Settling Tanks Upgrade
2. Mr. Pizighelli provided updates on Collection – City of Norwalk for Bettswood Road and Barbara Drive Drainage Improvements and Sewer Separation.
3. Mr. Pizighelli provided updates on Collection – Bouton Street Preliminary Engineering 30% Design.
4. Ms. Pacelli provided updates on Collection – Fort Point Street PS Sewershed Rehabilitation (copy included)

D. Discussion on WPCA Construction Projects: Updates were provided on:

1. Ms. Pacelli presented the PS – Keeler Brook PS Replacement.
2. Mr. Pizighelli presented on the Collection – Beacon Street Sanitary Sewer Replacement.

E. Sewer Use Appeals/Adjustments Update

Ms. Pacelli stated that the adjustments to date total \$20,352.

F. Information Copies:

Draft 2025 Nitrogen Credit and Norwalk is ranked number 5 in the state.

DISCUSSION

No additional discussion.

ADJOURNMENT

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

****MOTION PASSED UNANIMOUSLY.**

The meeting adjourned at approximately 5:44 p.m.

Respectfully Submitted,
Courtney Baldwin
Recording Secretary

**CITY OF NORWALK
WATER POLLUTION CONTROL AUTHORITY VIA ZOOM VIRTUAL
VIDEOCONFERENCE AND TELECONFERENCE
REGULAR MEETING
JUNE 15, 2026**

Attendance: Darren Oustafine, Chairman
Ann Wennerstrand
Chris Mannella
John Bove
James Frayer
Josh Goldstein (arrived at 5:33 PM)

Staff: Vanessa Valadares, Chief of Operations and Public Works
Ralph Kolb, Senior Environmental Engineer
Christine Pacelli, Wastewater Systems Manager

Others: Trever Steeprock, Project Manager, Veolia, Inc.
Zach Donahue, Vice President of Operations, Veolia. Inc.

I. CALL TO ORDER

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

II. ROLL CALL

Mr. Oustafine called the roll; all those listed in attendance were present.

III. ACCEPTANCE OF MINUTES

A. Regular Meeting: May 18, 2026

Mr. Oustafine noted that the April minutes were tabled last month and will need to be included on the next agenda for approval.

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

**** THE MOTION PASSED WITH FOUR (4) IN FAVOR AND ONE (1) ABSTENTION-
MR. FRAYER.**

IV. PUBLIC PARTICIPATION

There were no public comments this evening.

V. NEW BUSINESS

- A. **AUTHORIZE THE EXPENDITURE OF \$25,000 TO TIGHE & BOND, INC. FOR ON-CALL ENGINEERING SERVICES BEING ADMINISTERED BY THE DEPARTMENT OF PUBLIC WORKS UNDER THE AGREEMENT BETWEEN THE CITY OF NORWALK AND TIGHE & BOND INC. FOR PROJECT (DPW 2024-) ON-CALL ENGINEERING SERVICES.**

ACCOUNT NO. 09194062-5777-C0361

Mr. Kolb noted that the WPCA and DPW are undertaking a joint sewer separation project, and this is the WPCA's contribution toward the cost of preparing the bid documents.

**** MR. FRAYER MOVED TO APPROVE THE ITEM.**

**** THE MOTION PASSED UNANIMOUSLY.**

- B. **AUTHORIZE THE CHIEF OF OPERATIONS AND PUBLIC WORKS TO EXECUTE ORDERS ON CONTRACT WITH C.J. FUCCI, INC. FOR THE BEACON STREET SANITARY SEWER REPLACEMENT PROJECT (WPCA 2025-) FOR AN AMOUNT NOT TO EXCEED \$1,000,000.00.**

ACCOUNT NO. 09254062-5777-C0361

Mr. Kolb noted that the orders on contract were due to costs associated with the realignment of the sanitary sewer main, which resulted in the excavation of rock that was not anticipated

**** MR. BOVE MOVED TO APPROVE THE ITEM.**

**** THE MOTION PASSED WITH FIVE (5) IN FAVOR AND ONE (1) OPPOSED-MR. MANNELLA.**

VI. OLD BUSINESS

- A. Contract Operations Report:

1. Veolia Monthly Report- May 2026 (copy included)

Mr. Steeprock presented the Veolia Monthly Operating Report for May 2026, highlighting collection system activities (CCTV inspections, cleaning, manhole inspections, service calls) and plant maintenance.

2. Veolia Staff Updates

Mr. Steeprock provided an update, noting a transition in the VP role and that Mr. Burke has moved on; Zach Donahue is the new VP. Mr. Donahue introduced himself.

3. Major Repair or Replacement/ Out of Scope Items

A. Fort Point PS Improvements (copy included)

Mr. Steeprock provided an overview of the project.

VI. OLD BUSINESS

B. Reports:

1. FY 25/26 Revenues/Expenditures MUNIS Report (copy included)

There was no discussion.

2. FDA/Aquaculture-WWTP Flow Tracing Dye Study

Ms. Pacelli noted that the work by the FDA and Aquaculture was performed and completed the week of May 17th.

3. Grant Application Submission:

a. Bouton Street

b. Keeler Brook PS

Ms. Pacelli provided an overview of the submitted grants.

C. Discussion on WPCA Engineering Projects:

1. WWTP - Final Settling Tanks Upgrade

Ms. Pacelli noted that Arcadis is at 60% design and is still awaiting approval from CTDEEP for the value of engineering.

2. Collection - City of Norwalk for Bettsworth Road and Barbara Drive Drainage Improvements and Sewer Separation

Mr. Kolb noted that the WPCA is working with the DPW team and Tighe and Bond to prepare the bid documents for that sanitary sewer separation and drainage improvement project.

3. Collection – Fort Point PS Sewershed Rehabilitation

Ms. Pacelli noted that Brown and Caldwell has continued working on the scope, finalizing the scope, and preparing the bid documents.

D. Discussion on WPCA Construction Projects:

1. PS - Keeler Brook PS Replacement (copies included)

Ms. Pacelli noted that the pump station continues to operate on a temporary bypass and is monitored daily by Veolia and WPCA staff.

2. Collection – Beacon Street Sanitary Sewer Replacement

Mr. Kolb provided an overview of the Beacon Street sanitary sewer replacement project.

3. Walk Bridge Program- FT. Point St. Sanitary Sewer Replacement

Ms. Pacelli noted the work has been completed and the area is off of bypass.

E. Sewer Use Appeals/Adjustments Update

Ms. Pacelli said the appeals/adjustments to date are \$39,677.00.

F. Information Copies

1. None

VIII. ADJOURNMENT

**** MR. FRAYER MOVED TO ADJOURN**

**** THE MOTION PASSED UNANIMOUSLY.**

The meeting was adjourned at 6:05 PM.

Respectfully submitted,
Dilene Byrd

Norwalk Water Pollution Control Authority
Monthly Operating Report
June 2026

EXECUTIVE SUMMARY

June Highlights

- The Collections System team completed 3.25 miles of CCTV inspection, 2.33 miles of sewer cleaning, 0.35 miles of SLRAT and 120 Manhole Inspections.
- No Hotlist cleaning was scheduled for this month.
- Veolia responded to 3 service calls.
- The IPP inspection program conducted 90 inspections.
- The Maintenance team completed repairs of the FST 3 Scum Baffle.
- The Maintenance team repaired Primary Clarifier 4 and returned it to service.
- The Facility experienced a heavy rain event on July 6th receiving 2.6in of rain within the day. Flows were sustained at over 30 MGD for about 3 hours. We were able to operate the Facility without activating Outfall 002 through the storm event.
- The Facility's Nitrogen Performance for June was 651 lbs/day.
- The average daily flow for June was 10.0 MGD with 2.14" of rainfall.

Regulatory Events.

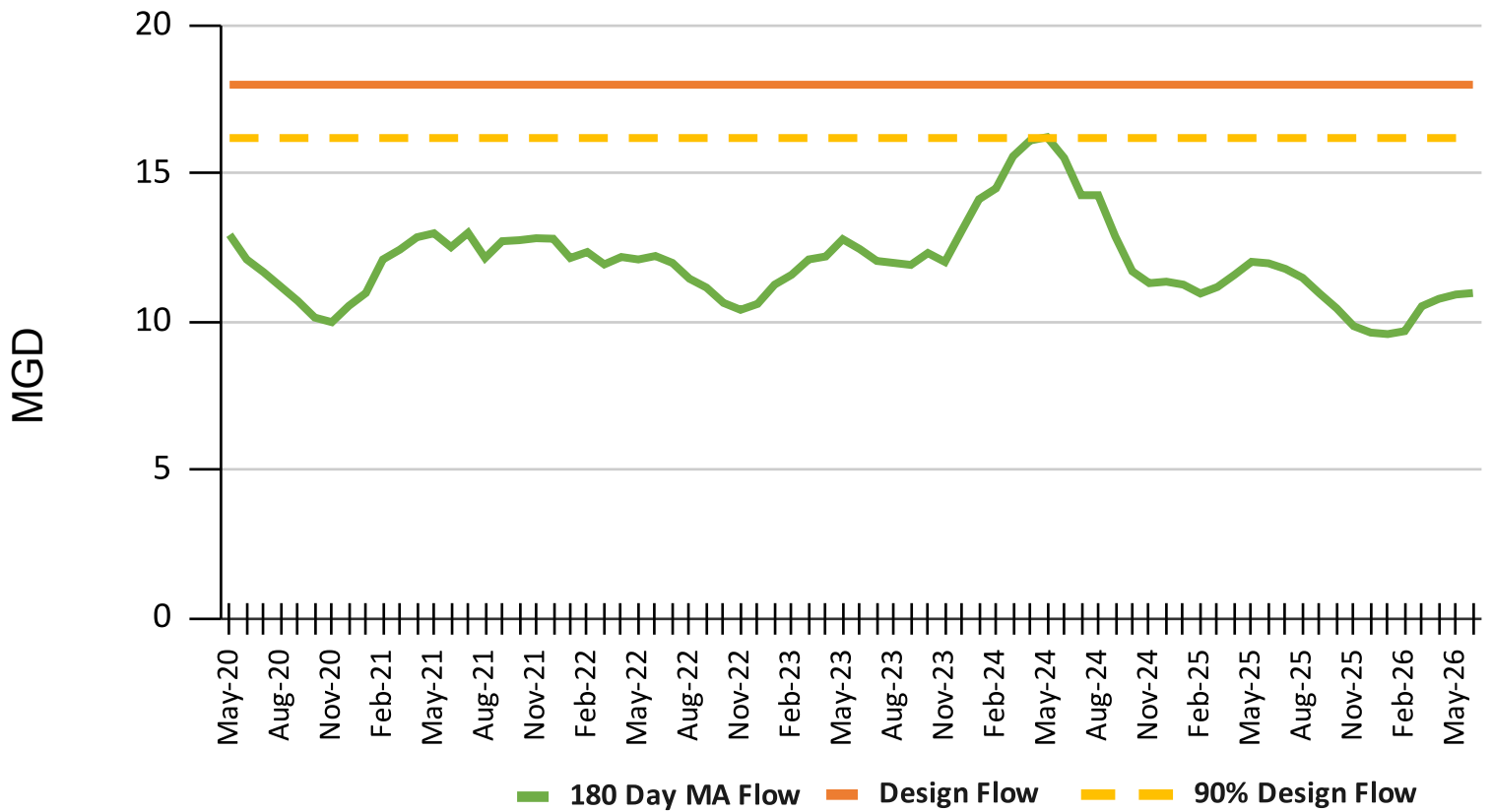
- The facility followed all permit requirements for the month of June.
- The netDMR, MOR, NAR, and ATMR reports were submitted to CT-DEEP and EPA for June.

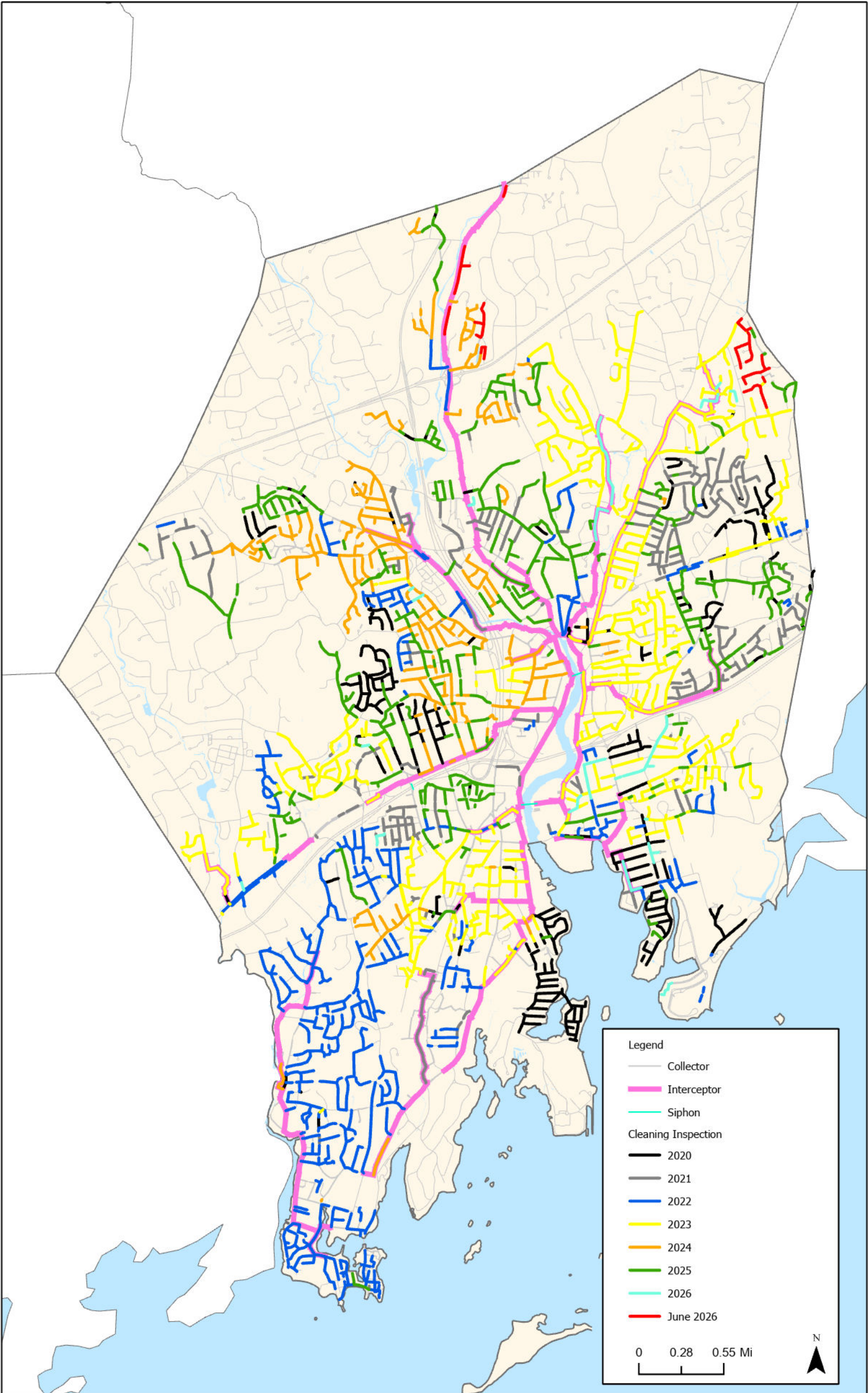
EXECUTIVE SUMMARY - Key Operational Parameters

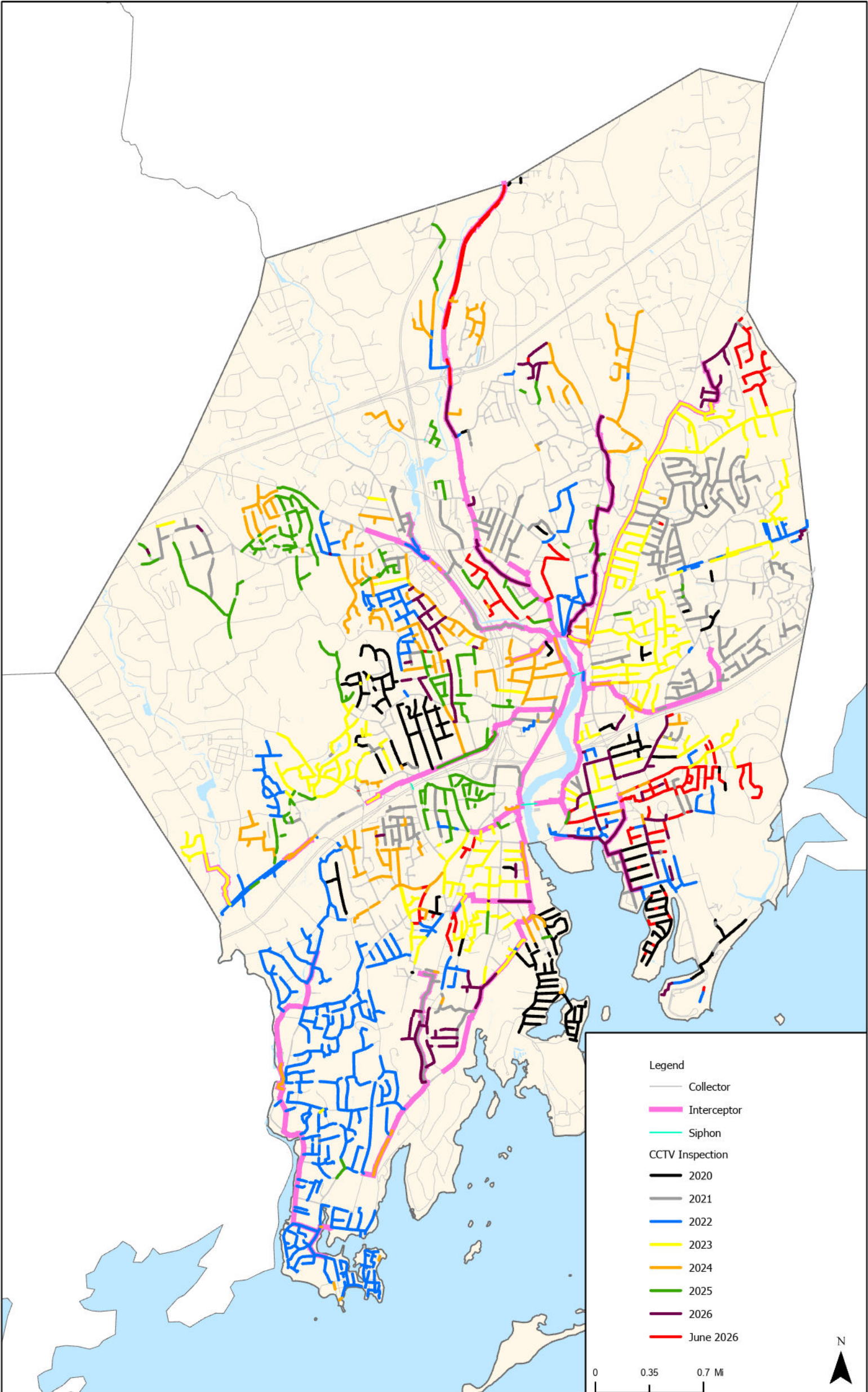
Parameter	Units	Current Month	CYTD Total	Contract Limit
Average Daily Flow	MGD	10	n/a	n/a
180 Day Average Daily Flow	MGD	10.97	n/a	n/a
Effluent BOD	mg/l	6.7	n/a	10
Effluent TSS	mg/l	13.6	n/a	10
Effluent Fecal Coliform	# / 100 ml	2	n/a	10
Effluent Enterococci	# / 100 ml	7	n/a	30
Effluent Total Chlorine	mg/l	0.02	n/a	0.07
Effluent Total Nitrogen	lbs/day	651	n/a	1,000
Biosolids Quality (cake)	% solids	25.4	n/a	n/a
Biosolids Disposal (cake)	DT/month	239	n/a	n/a
Biosolids Disposal (liq)	DT/month	20	n/a	n/a
Biosolids Disposal (total)	DT/month	259	n/a	n/a
Grit and Screenings	WT/month	12	n/a	n/a
Chemicals – Hypochlorite	gal/month	6012	n/a	n/a
Chemicals – Bisulfite	gal/month	5802	n/a	n/a
Chemicals – Polymer	gal/month	1500	n/a	n/a
Chemicals – Odor Control	gal/month	0	n/a	n/a
Sewer Cleaning	Miles	2.33	23.71	3 miles (avg)
CCTV Inspection	Miles	3.25	30.05	2 miles (avg)
Odor Complaints	#	0	n/a	0
SL-RAT Inspection	Miles	0.35	13.85	60 months
Manhole Inspections	#	120	924	50/m
IPP Inspections	#	90	441	Approx. 500/year

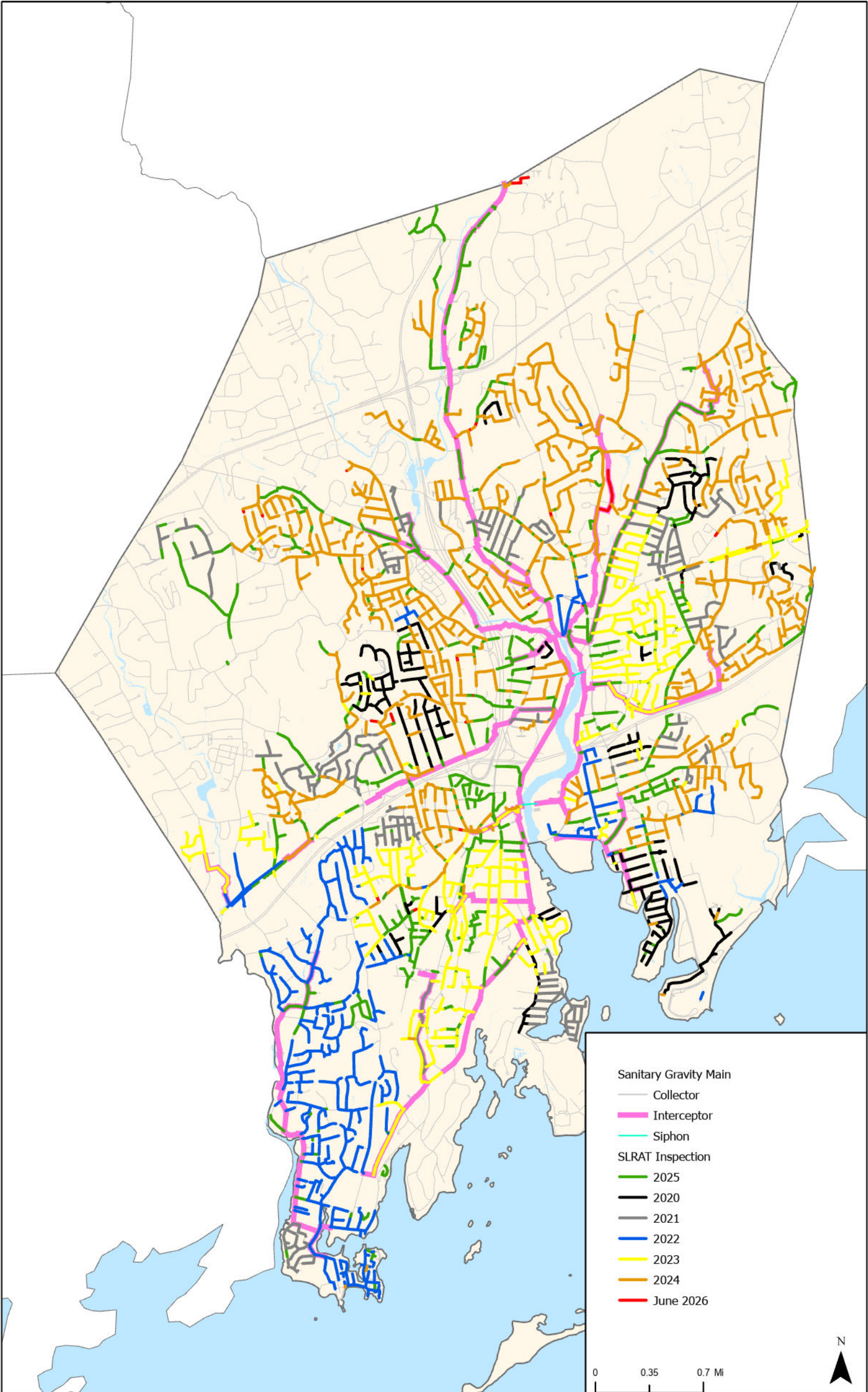
EXECUTIVE SUMMARY - Influent Flow

Influent Flow











David Connors

President
New England Municipal Services
North America

203.312.4530

David.Connors@veolia.com

July 7th, 2026

VIA EMAIL

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

Re: Formal Notification of Management and Personnel Transitions

Dear Ms. Valadares,

This letter serves as formal notification regarding leadership transitions within the Veolia management and supervisory team dedicated to our partnership with the Water Pollution Control Authority for the City of Norwalk ("WPCA"). We value the strong collaborative relationship we have built and remain committed to providing the WPCA with the highest level of expertise and continuity through this transition.

In accordance with Section 6.8(C) of the Wastewater Treatment System Operations, Maintenance, and Management Services Agreement, please find the following personnel adjustments:

Senior Supervisor: Zachary Donahue will succeed Michael Burke in this capacity, effective June 10, 2026.

Assistant Service Manager / Deputy Leader: After interviewing both internal and external candidates, Peter Verderosa has been promoted to Deputy Leader of the Norwalk project. Peter has a proven track record of success managing the Maintenance Department at the Norwalk Facility over the last 6 years and brings a wealth of knowledge and experience with our facility to this new role.

Collections Manager: Ahmed Giwa, our Collections manager, has decided to laterally transfer within the company to a role at our Buffalo, NY project. This decision was made for him to be closer to his family which resides in Canada. We are sad to see Ahmed go after his 6 years of service at the Norwalk project. He will remain available for assistance during the transition period. With this transition we have promoted Brian Muro, our GIS Manager, to the Collections Manager position. Brian brings great management, customer service and technical skills to this role from his experience both with Veolia and the City of Norwalk. We are excited to continue his growth within our team.

Maintenance Manager and GIS Manager: With these changes we will be recruiting for the Maintenance and GIS manager positions. Peter and Brian will continue to support their prior roles as we navigate this transition. We will keep the WPCA updated on the recruitment process as we progress through it.

The Deputy Leader and Collections Manager will report directly to Trevor Steeprock. We wish to emphasize that all other project personnel and staffing levels remain unchanged, ensuring consistency in our daily service delivery.

The transition for the Senior Supervisor role was finalized on June 10th, while the management

transitions will be effective as of July 8th.

The Team will keep you and the WPCA informed as to the status of the Maintenance and GIS Manager positions through the interview process.

Our team looks forward to our continued partnership in serving the citizens of Norwalk. Should you require any further information or wish to discuss these changes in more detail, please do not hesitate to contact me.

Sincerely,

David Connors
President
New England Municipal Services
North America

Veolia North America | 461 From Road | Suite 400 | Paramus | New Jersey | 07652

Maintenance, Repair and Replacement (MRR) Approval Form

MRR Number: CY-07-001

Date: 6-30-2026

Subject to the WASTEWATER TREATMENT SYSTEM OPERATIONS, MAINTENANCE, AND MANAGEMENT SERVICES AGREEMENT and BETWEEN WATER POLLUTION CONTROL AUTHORITY FOR THE CITY OF NORWALK AND VEOLIA ENVIRONMENT S.A. ("VEOLIA")

1. MRR Description:

Blower #1 located in BLDG #4 operates using 2400 volt electrical service. This equipment requires a licensed contractor to work with medium voltage.

2. Scope of Work:

Services rendered to troubleshoot Aeration Blower #1. Traced power and control wiring. Found faulty contacts supplying control power to internal controls. Tracked down and ordered replacement parts. Supplied (2) fuses for customer stock. Customer to schedule additional work once balance of replacement parts are received. Additional work and parts to be invoiced separately
Labor and materials required to supply support for opening and closing medium voltage switches for Aeration Blower.
Labor and materials required to replace contacts on Aeration Blower medium voltage switch
Labor and materials required to install new medium voltage fuses in existing GE switch
Labor and materials required to troubleshoot after fuses and contacts are installed

3. Quotes: See Attached.

Traver IDC is supplying the medium voltage support required to work on Blower #.
Traver is an approved vendor that supports the City of Norwalk.

4. Time Schedule:

The Company shall complete the work required by this MRR Approval Form within 90calendar days of the date above.

5. Compensation:

Vendor / Subcontractor: Traver	\$21,080.00
Vendor / Subcontractor: Traver	\$8,589.98
Contingency (10%):	\$2,967.00
Veolia Mark Up (15%):	\$4,895.55
Total Project Cost:	\$37,532.52

ISSUED AND AUTHORIZED BY:
Veolia

ACCEPTED AND AGREED TO BY:
Norwalk WPCA

By: Trevor Steeprock

Title: Project Leader

By: Ralph J. Koll

Title: Sr. Environmental Engineer

YEAR-TO-DATE BUDGET REPORT

FOR 2026-99

ACCOUNTS FOR:	ORIGINAL APPROP	TRANSFERS/ADJUSTMENTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
22 WATER POLLUTION CONTROL							
040 PUBLIC WORKS							
224062 WATER POLLUTION CONTROL							
224062 5110 WAGES & SA	716,169	0	716,169	652,060.72	.00	64,108.28	91.0%
224062 5120 WAGES & SA	100,000	0	100,000	5,474.31	.00	94,525.69	5.5%
224062 5140 WAGES & SA	36,000	0	36,000	.00	.00	36,000.00	.0%
224062 5150 LONGEVITY	1,225	0	1,225	2,500.00	.00	-1,275.00	204.1%
224062 5235 MEMBERSHIP	10,000	0	10,000	442.00	.00	9,558.00	4.4%
224062 5241 ELECTRIC	1,671,700	0	1,671,700	1,440,981.35	97,338.21	133,380.44	92.0%
224062 5245 TELEPHONE	2,000	0	2,000	1,863.29	.00	136.71	93.2%
224062 5252 LEGAL SERV	250,000	0	250,000	75,440.40	74,559.60	100,000.00	60.0%
224062 5258 VEOLIA	11,260,000	0	11,260,000	11,258,630.89	1,369.11	.00	100.0%
224062 5286 BUSINESS E	32,000	0	32,000	22,084.15	510.53	9,405.32	70.6%
224062 5295 SEMINAR&CO	20,000	0	20,000	12,937.48	.00	7,062.52	64.7%
224062 5298 OTHER	250,000	0	250,000	87,170.90	.00	162,829.10	34.9%
224062 5418 INSURANCE	82,675	0	82,675	82,675.00	.00	.00	100.0%
224062 5428 BENEFITS	381,718	0	381,718	381,718.00	.00	.00	100.0%
224062 5521 PRINCIPAL	0	0	0	3,222,412.75	.00	-3,222,412.75	100.0%
224062 5522 INTEREST	0	0	0	2,218,613.71	.00	-2,218,613.71	100.0%
224062 5523 BOND EXP	0	0	0	27,736.85	.00	-27,736.85	100.0%
224062 5651 TO G/F	768,460	0	768,460	768,460.00	.00	.00	100.0%
224062 5730 C0856 WPCA CAPIT	0	4,200,000	4,200,000	4,130,141.26	.00	69,858.74	98.3%
224062 5741 IT HARDWAR	60,000	0	60,000	.00	.00	60,000.00	.0%
224062 5789 RESERVE	568,028	0	568,028	.00	.00	568,028.00	.0%
TOTAL WATER POLLUTION CONTROL	16,209,975	4,200,000	20,409,975	24,391,343.06	173,777.45	-4,155,145.51	120.4%
TOTAL PUBLIC WORKS	16,209,975	4,200,000	20,409,975	24,391,343.06	173,777.45	-4,155,145.51	120.4%
TOTAL WATER POLLUTION CONTROL	16,209,975	4,200,000	20,409,975	24,391,343.06	173,777.45	-4,155,145.51	120.4%
TOTAL EXPENSES	16,209,975	4,200,000	20,409,975	24,391,343.06	173,777.45	-4,155,145.51	120.4%

YEAR-TO-DATE BUDGET REPORT

FOR 2026 '99

ACCOUNTS FOR:	ORIGINAL APPROP	TRANSFERS/ADJUSTMENTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
22 WATER POLLUTION CONTROL							
040 PUBLIC WORKS							
224062 WATER POLLUTION CONTROL							
224062 4051 INTEREST	-65,000	0	-65,000	-87,213.35	.00	22,213.35	134.2%
224062 4121 NITROGEN	-30,000	0	-30,000	-33,720.00	.00	3,720.00	112.4%
224062 4451 SEWER PERM	-1,500	0	-1,500	-17,151.73	.00	15,651.73	1143.4%
224062 4453 SEPTIC LIC	-1,200	0	-1,200	-1,600.00	.00	400.00	133.3%
224062 4513 SEWER CHRG	-19,562,000	0	-19,562,000	-20,038,013.66	.00	476,013.66	102.4%
224062 4516 SPT DIS FE	-175,000	0	-175,000	-193,380.00	.00	18,380.00	110.5%
224062 4521 WILTON SU	-850,000	0	-850,000	-924,017.11	.00	74,017.11	108.7%
224062 4522 SEWER USE	-45,000	0	-45,000	-84,353.00	.00	39,353.00	187.5%
224062 452C INDUSTRIAL	-175,000	0	-175,000	-184,648.10	.00	9,648.10	105.5%
224062 452D SEWER CONN	-150,000	0	-150,000	-355,710.29	.00	205,710.29	237.1%
224062 452E IPP INTERE	-5,000	0	-5,000	-5,891.79	.00	891.79	117.8%
224062 4632 C0856 LEASE REV	0	0	0	-81,703.22	.00	81,703.22	100.0%
224062 4807 REIMB EXP	-1,000	0	-1,000	-58,327.42	.00	57,327.42	5832.7%
224062 489F REIMB GF	-136,947	0	-136,947	.00	.00	-136,947.00	.0%
224062 4901 INV INCOME	0	-110,000	-110,000	-233,399.37	.00	123,399.37	212.2%
TOTAL WATER POLLUTION CONTROL	-21,197,647	-110,000	-21,307,647	-22,299,129.04	.00	991,482.04	104.7%
TOTAL PUBLIC WORKS	-21,197,647	-110,000	-21,307,647	-22,299,129.04	.00	991,482.04	104.7%
TOTAL WATER POLLUTION CONTROL	-21,197,647	-110,000	-21,307,647	-22,299,129.04	.00	991,482.04	104.7%
TOTAL REVENUES	-21,197,647	-110,000	-21,307,647	-22,299,129.04	.00	991,482.04	

VIA ELECTRONIC MAIL

June 26, 2026

Mr. Syed Bokhari
Environmental Engineer 2
Municipal Wastewater
Water Planning and Management Division
Bureau of Water Protection and Land Reuse
Department of Energy and Environment Protection
79 Elm Street
Hartford, CT 06106-5127

Subject: City of Norwalk, CT, Consent Order (#COWRMU22001)
2026 Annual Progress Report

Dear Mr. Bokhari,

Please find attached for your records a copy of the 2026 Annual Progress Report that is due on or before June 30th annually in accordance with Section B.6. of the above referenced Consent Order.

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

Copy: WPCA Board of Directors
Vanessa Valadares, P.E., DPW (*via Electronic Mail*)
Christine Pacelli, WPCA (*via Electronic Mail*)
Trevor Steeprock, Veolia (*via Electronic Mail*)

June 26, 2026

Mr. Syed Bokhari
Environmental Engineer 2
Municipal Wastewater
Water Planning and Management Division
Bureau of Water Protection and Land Reuse
Department of Energy and Environment Protection
79 Elm Street
Hartford, CT 06106-5127

Subject: City of Norwalk, CT, Consent Order (#COWRMU22001)
2026 Annual Progress Report

Dear Mr. Bokhari,

In accordance with Paragraph B.6 of the above-referenced Consent Order between the State of Connecticut and City of Norwalk (the "City") dated May 5, 2022 (the "Consent Order"), this Progress Report documents the actions taken by the City pursuant to the Consent Order since its 2025 Annual Progress Report filed June 26, 2025.

Progress Report June 2026

In response to the requirements of Paragraph B.1

As specified in Paragraph B.1 of the Consent Order, the City of Norwalk's Water Pollution Control Authority ("WPCA") retained Brown and Caldwell as the primary on-call collection system consultant and Woodard and Curran as the secondary on-call collection system consultant to complete the Sanitary Sewer Collection System Master Plan update (the "Master Plan"). Brown and Caldwell's current contract was extended in December 2022 and expires in March 2027. In May 2024, the WPCA and Woodard and Curran signed a contract amendment, extending Woodard and Curran's services as the secondary on-call collection system consultant through March 2027.

In response to the requirements of Paragraph B.2

As specified in Paragraph B.2 of the Consent Order, the WPCA retained Arcadis US, Inc. to complete the Wastewater Treatment Plant Facility Plan update (the "Facility Plan Update"). The WPCA's current contract with Arcadis was extended in 2026 and expires in January 2031.

In response to the requirements of Paragraph B.3

In accordance with Paragraph B.3, Brown and Caldwell prepared the Master Plan, which the City submitted to DEEP on September 30, 2022. The Master Plan is currently pending before DEEP. The Master Plan describes and evaluates a range of viable and cost-effective measures to (1) remove excess flows (such as infiltration/inflow) from the wastewater collection system, and (2) eliminate the Ann Street Siphon Emergency Overflow from the wastewater collection system.

As part of the Master Plan update, Brown and Caldwell developed and calibrated a hydraulic model of Norwalk's collection system to analyze existing conditions, characterize system performance, and to support modeling of potential sewer improvement alternatives and future conditions. With the help of the collection system model, the Master Plan update evaluates a range of cost-effective measures to reduce excess flows, such as inflow and infiltration, from entering the collection system. Reduced excess flows includes both the disconnection of stormwater catch basins that are directly connected to the wastewater collection system and targeted reduction of infiltration and inflow.

On September 29, 2023, the WPCA submitted to DEEP an Amended Collection System Master Plan ("Amended Master Plan"), revising the Master Plan's flow calculations for Outfall 002-1 as shown in Tables ES-1, ES-2, 4-4, 5-2, 5-7, 5-8, and 7-1 to 7-4. As the WPCA informed DEEP at a meeting on June 20, 2023, the prior Master Plan's flow calculations resulted in an over-estimation of wastewater volume directed to Outfall 002-1 during storm events. The revised calculations included in the Amended Master Plan are favorable, showing predicted flows to Outfall 002-1 that are considerably lower for a range of rainfall events, including a 66-78% reduction in flow for 24-hour rainfall events.

Since its 2025 Annual Progress Report filed June 26, 2025, the City has continued to make substantial progress toward meeting its goals as set forth in the Master Plan. Specifically, the WPCA has engaged in the following to address collection system projects and reduce excess flow such as infiltration and inflow into the wastewater collection system:

- The WPCA contracted with Insituform Technologies, LLC to complete sewer rehabilitation work in the following low lying and coastal areas (1) Sammis Street and Bell Island pump station sewer sheds, (2) Marvin Beach Pump Station sewer shed area, (3) Woodward Ave and Shady Beach Pump Station sewer sheds, (4) various easement locations, and (5) hot spot locations prone to infiltration. In addition to other benefits, the project will prevent infiltration into the wastewater collection system from storm-impacted and tidal areas, and high groundwater. To date, the following rehabilitation work has been completed:

- Cured-in-place (CIPP) lining¹ of approximately 70,000 feet of pipe (ranging in diameter from 8- to 24-inches);
- Rehabilitation of approximately 3,900 vertical feet of manhole (cementitious or epoxy lining); and
- Grouting of approximately 1,260 lateral connections.

The WPCA is also working with Insituform to CIPP line approximately 1,140 feet of 30-inch sanitary sewer interceptor prior to a 2027 City road improvement project within the area of Meadow Street and Wilton Avenue.

- The WPCA has continued feasibility and design work for its Catch Basin Disconnection Program.
 - In May 2024, WPCA's consultant, Brown and Caldwell, completed a task order issued May 2023 and submitted to the WPCA a final Basis of Design Report. The Basis of Design Report investigated the feasibility of disconnecting approximately forty-three (43) priority catch basins over a five-year project lifespan, which would have the benefit of diverting approximately 203.8 million gallons per day of peak flow during a 25-year, 24-hour event from the wastewater collection system. The project will cost approximately \$12.9 million over five years.
 - Catch basin Asset ID No. 9963 on Hadik Parkway has been disconnected since filing the 2025 Annual Report.²
 - In December 2024, the WPCA entered a task order with Tighe & Bond for an infiltration and inflow separation project in the vicinity of Bettswood Road and Walnut Avenue. The project will disconnect four (4) catch basins – Asset ID Nos. 3932, 3933, 3934, and 8538. The WPCA subsequently increased the scope of the project in January 2025 to disconnect an additional catch basin on the nearby Barbara Drive, Asset ID No. 14910. The WPCA anticipates the project will go out to bid in Fall 2026.
 - In May 2026, the City submitted a grant application to the offices of Senators Blumenthal and Murphy for a Congressionally Directed Spending (CDS) grant to fund an infiltration and inflow separation project at Merrill Road and Highbrook Road. If received, funding will be used to disconnect seven (7) catch basins and install new storm drainage infrastructure. The design includes installation of approximately 1,700 linear feet of new storm drainage pipes designed for a 25-year storm event, 11 catch basins, 14 manholes, and roadway restoration.

¹ Before and after images showing the significant beneficial impacts of pipe lining can be found here on the WPCA's website: <https://www.norwalkwpcanorwalk.org/system-information/collection-system/>

² This catch basin is among the forty-three (43) included in the Catch Basin Disconnection Program.

- The Hubbells Lane Relief Sewer project is currently at 90% design. The project will install approximately 500 feet of new 36-inch diameter sewer on Hubbells Lane to reroute flows from East Wall Street and replace approximately 600 linear feet of existing 36-inch interceptor with 60-inch diameter sewer interceptor on Smith Street, effectively mitigating significant surcharging, preventing manhole overflows, and permanently closing the Wall Street overflow.
 - Additional field investigation took place in 2024 to identify the most effective method of disconnecting two (2) catch basins in the area and redirecting stormwater flow. Field investigation included smoke testing and dye testing to identify any unknown connections to the wastewater collection system that may need to be incorporated into the current design.
 - Finalization of the project design has been delayed by a significant utility presence in the intersection of East Avenue, East Wall Street, Hubbell Lane, and Park Street.
- The City initiated a new sanitary sewer replacement project in the vicinity of Beacon Street. The project will replace approximately 1,800 feet of 15-inch sanitary sewer with 24-inch pipe. The larger pipe will eliminate potential wet weather Sanitary Sewer Overflows in the area.
 - The WPCA signed a task order with Brown and Caldwell for design and bid services in September 2024.
 - In July 2025, the City executed a contract with C.J. Fucci, Inc. for construction and the project is expected to be completed in Fall 2026.
- In April 2026, the City initiated the Fort Point Pump Station Sewershed Rehabilitation Project. The scope of work provides for design and bid document development for sanitary sewer rehabilitation within the City of Norwalk. The design will be centered around rehabilitation of approximately 65,000 feet of aging sanitary piping and tributary and areas affected by tidal influence within the Fort Point Pump Station Sewershed. Brown and Caldwell is in the process of developing the bid package, which the City anticipates will be finalized by the end of 2026.

In response to the requirements of Paragraph B.4

In accordance with Paragraph B.4, Arcadis and Brown and Caldwell prepared the Facility Plan Update, which was submitted to DEEP on September 29, 2023. The Facility Plan Update describes and evaluates a range of viable and cost-effective measures to (1) provide Outfall 002-1 with primary treatment or its equivalent or (2) eliminate Outfall 002-1.

To meet this goal, the WPCA and Arcadis held a series of collaborative workshops to evaluate multiple wet weather treatment technologies, including conducting site visits to Bridgeport West

Side WPCF, and Waterbury WPCF to observe their wet weather pilot programs. To ensure the Facility Plan Update comprehensively evaluated all viable measures and identified a path forward that has the greatest environmental benefit to the Norwalk River and Long Island Sound, on June 22, 2023, following discussion with DEEP, the WPCA requested a filing extension so that it could evaluate its options for eliminating Outfall 002-1.

The final Facility Plan Update, submitted September 29, 2023, recommends implementation of the Comprehensive Wet Weather Flow Reduction Program, which includes substantial investment in the WPCA collection system, inflow and infiltration reduction efforts, and targeted collection system rehabilitation projects, as a viable and cost-effective means to eliminate Outfall 002-1. Modeling of the Comprehensive Wet Weather Flow Reduction Program demonstrates significant overall reduction in flow to the Wastewater Pollution Control Facility (“WPCF”) and a decrease in volume and duration of discharges from Outfall 002-1, should they occur.

- On February 20, 2024, the City, WPCA and DEEP met to discuss the Facility Plan Update, including the results of further analysis quantifying the environmental benefits of the Comprehensive Wet Weather Flow Reduction Program. On July 9, 2024,³ DEEP provided comments on the City’s proposal to eliminate Outfall 002-1 by implementing a Comprehensive Wet Weather Flow Reduction Program (the “Program”) and requested additional documentation. The City provided a written response to DEEP on November 1, 2024, reiterating its conclusion that elimination of Outfall 002-1 through the Program will result in better outcomes for the environment, water quality, cost, and project life span as compared to any viable form of primary treatment or its equivalent for Outfall 002-1. In addition to overall reduced flow to the WPCF, it is anticipated that the Program will have a greater overall benefit to water quality than available wet weather treatment technologies. Over a ten-year period, the Comprehensive Wet Weather Flow Reduction Program is projected to reduce from Outfall 002-1 discharges: TSS by almost 30% more than cloth filters, BOD by 88% compared to 17% if cloth filters are installed, and total nitrogen by 88% compared to only 4% if cloth filters are employed. These significant reductions will result in overall enhanced water quality in the Norwalk River and Long Island Sound. Moreover, the Program is expected to have a projected lifespan of 50-100 years compared to a 30-year lifespan for cloth filters.

In response to DEEP’s correspondence dated June 17, 2024, the City proposed the following plan/modifications to fully eliminate Outfall 002-1, including extending the timeline in Paragraph B(5) of the Consent Order for completion of measures identified in

³ The DEEP correspondence was dated June 17, 2024, but was received via electronic mail on July 9, 2024.

the Facility Plan Update from 10 years to 20 years.⁴ According to this modification, the City proposed the following:

1. Years 0-10: Implementation of Comprehensive Wet Weather Flow Reduction Program

During years 0-10, the City will implement the Comprehensive Wet Weather Flow Reduction Program as set forth in the Facility Plan Update submitted to DEEP on September 29, 2023. As described in that submission, the Program will comprehensively rehabilitate public sewer assets to reduce flow to the WPCF enabling elimination of Outfall 002-1. Program activities include the following:⁵

- **Public sewer mains:** all public sewer mains within the identified watershed will be rehabilitated by cured-in-place pipe lining or similar type of continuous lining. This provides an integral barrier to prevent infiltration through defects in the sewer pipe or the joints between pipe segments.
- **Sewer manholes:** all sewer manholes within the identified sewershed area will be rehabilitated by epoxy, cementitious, or other equivalent lining. Like the sewer main rehabilitation, this provides an integral barrier to prevent infiltration through defects in the manhole riser or the joints between manhole riser sections.
- **Pipe to manhole connections:** all pipe to manhole penetrations will be grouted. Grouting the pipe penetrations creates a seal at the joint that is resistant to infiltration.
- **Lateral to sewer main connections:** all lateral to sewer main penetrations will be grouted. Grouting the lateral to sewer main penetration creates a seal that is resistant to infiltration.

As described in Tables 4-1 and 4-2 and Figure 4-3 of Appendix E of the Facility Plan Update, sewersheds will be grouped together and rehabilitated over the course of a 10-year period.

⁴ Modifying the Consent Order to extend the period for eliminating Outfall 002-1 from 10 years to 20 years is consistent with other municipalities across Connecticut which have modified their consent orders in similar circumstances.

⁵ The City has already made important strides in reducing inflow and infiltration into the collection system by requiring its contract operator, Veolia, to contract with a cured-in-place lining company to frequently perform small lining projects, and to deploy new and innovative technology such as smart covers and smart balls to enhance awareness of, and real-time inform about, the collection system.

2. Year 5 Assessment

As set forth in the Facility Plan Update, the City anticipates that the Program will result in, among other impacts, an 80% reduction in volume for a 1-year, 24-hour storm event and an overall reduction in absolute volume discharged from Outfall 002-1 for all rain events. The City's estimates for expected flow reduction associated with the Program are based on published case studies, flow reductions achieved in other communities, and a case study in Norwalk. The analysis recognizes that actual reductions resulting from implementation of the Program may differ from expected projections. As a result, the City intends to perform Year 5 Assessment to evaluate and quantify the flow reductions achieved within the Norwalk collection system.

The Year 5 Assessment will include analysis of the following:

- Pre-rehabilitation flow monitoring;
- Post-rehabilitation flow monitoring;
- Hydraulic model update and simulations; and
- Flow reduction analysis.

If, at the 5-year mark, the flow reduction analysis shows that the Program is reasonably meeting projections for reductions in excess flow, the City will continue to administer and implement the Program as planned. If the flow reduction analysis shows that the comprehensive rehabilitation of sewer assets are not reasonably meeting the projections for reductions in excess flow, the City will prepare a performance evaluation plan describing the appropriate methods for investigating and identifying corrective measures necessary to achieve the projected removal of excess flow from the collection system and to assess the best path forward for complete elimination of Outfall 002-1.

While further discussion with DEEP is warranted, the City is open to memorializing the Year 5 Assessment as part of the Consent Order.

3. Year 10 Assessment

In addition to the Year 5 Assessment, at year 10, the City will conduct a second program assessment. This will include a second round of pre-rehabilitation flow monitoring, post-rehabilitation flow monitoring, hydraulic model update and simulations, and a final flow reduction analysis. The purpose of this final analysis will be to quantify and determine the results of the corrective measures implemented to remove excess flow from the collection system.

As noted above, the City is similarly open to memorializing the Year 10 Assessment as part of the Consent Order.

4. Years 11-20: Elimination of Outfall 002-1

Based on the results of the Year 10 Assessment, the City will develop a final Outfall 002-1 elimination plan to be implemented from years 11 to 20. The City anticipates implementing the following:

- Year 11: Conduct an alternatives analysis to determine the best path forward for eliminating Outfall 002-1 based on the results of the Year 10 Assessment.⁶
- Years 12-13: Based on the results of the alternatives analysis, the City will enter a two-year design phase to implement the study outcome.
- Years 14-20: The City will enter a construction phase for final elimination of Outfall 002-1 and construction of any additional modifications that may need to be completed to facilitate elimination.

As with the Years 5 and 10 Assessments, the City is open to memorialize implementation of a final Outfall 002-1 elimination plan as part of the Consent Order.

- In accordance with the Facility Plan Update, the WPCA also signed a task order with Arcadis for design and bid services for the WPCF Final Settling Tanks Upgrade Project. The project is expected to enhance water quality through improved solids handling and management and reduced TSS (total suspended solids). It is also anticipated that the project will have significant operational benefits, including enhanced operational flexibility and ease of maintenance. The project is currently in 60% design, with value engineering review pending with DEEP.
- Since submission of the Facility Plan Update, the WPCA has already seen the benefits of its substantial investment in the collection system, inflow and infiltration reduction efforts, and targeted collection system rehabilitation projects, as Outfall 002-1 last activated on August 18, 2024.

⁶ At this time, the final method used to eliminate Outfall 002-1 is unknown, as it will depend on the results of the Year 10 Assessment, but could include, for example, increasing storage capacity at the Facility, increasing flow through secondary treatment, or additional collection system rehabilitation measures.

In response to the requirements of Paragraph B.6

In accordance with Paragraph B.6, this Progress Report summarizes all actions required by this Consent Order and is submitted on or before the last day of June 2025.

Certification of Documents

The following certification statement is included pursuant to Paragraph B.11 of the Consent Order:

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, that the submitted information is true, accurate and complete to the best of the knowledge and belief. I understand that any false statement made in the submitted information may be punishable as a criminal offense under § 53a-157b of the Connecticut General Statutes and any other applicable law.



Signature

6/26/2026

Date

Ralph K. Kolb, P.E.

Name

Sr. Environmental Engineer

Title

PROFESSIONAL SERVICES TASK ORDER

Task Order Number: 08
Amendment No. 4
Amendment Date: July 2026

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. 8 Amendment No. 4
Project Name: Beacon St Sewer Replacement Project
Description: Continuation of Construction Services

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 seventy seven thousand seven hundred ten (\$177,710.00) Dollars. Services will be billed on a monthly basis on a percent complete.

5. Special Conditions:

None

6. Amendment: This Amendment amends a previously executed Task Order: 8

ISSUED AND AUTHORIZED BY:
WPCA

By: Ralph L. Koll

Title: Sr. Environmental Engineer

ACCEPTED AND AGREED TO BY:
ENGINEER

By: E. J. Min

Title: Executive Vice President

PROFESSIONAL SERVICES TASK ORDER

Task Order Number: 08, Amendment No.4

Exhibit A: Scope of Work

Continuation of Construction Services – Administration and Management

Understanding:

The purpose of this Amendment is to add additional budget for Brown & Caldwell (BC) to continue providing the already agreed upon construction services outlined in Task Order No.8 Amendments No.1 through 3.

Since the issuance of Task Order No.8 Amendment 3, the construction phase of the Beacon St Sewer Replacement Project has experienced an increase timeline and modification of the scope of work to be performed by CJ Fucci. The proposed new sewer alignment had to be adjusted to account for recently completed city projects and unknown existing utilities, which resulted in a large amount of rock removal being required to install the new sanitary sewer main. In addition to the changing of the project scope, CJ Fucci elected to work through the winter months with the support of Norwalk WPCA. Due to the nature of construction operations in the winter, the contractor experienced much slower production rates than originally anticipated, while also adhering to the stipulations set out by the city to continue construction during the winter. These factors have resulted in an increase in the overall project schedule, leading to BC providing more construction administration and management services in support of field operations by the contractor than originally anticipated.

Please see Table 1 & 2 below that breaks down the updated contract value and budget impacts.

Contract & Budget Impacts:

An updated contract value is presented below in Table 1

Table 1. Contract Values	
Original TO 8 Contract Value	\$221,798.00
Amendment 1 Value	\$43,551.00
Amendment 2 Value	\$18,050.00
Amendment 3 Value	\$398,030.00
Original + Amendment 1, 2 & 3 Total	\$681,429.00
Amendment 4 Value	\$177,710.00
Updated TO8 Contract Value	\$859,139.00

Below is a breakdown of estimated hours by task;

TABLE 2. ESTIMATED STAFF EFFORT AND COSTS - TASK ORDER NO. 8 AMENDMENT NO. 4						
	Construction Manager	Admin	Hours	Labor	Expenses	Total
1. Project Management	\$245	\$120				
Project Meetings & Coordination	4	16	20	\$ 2,900		\$ 2,900
2. Construction Administration				\$ 12,470		\$ 12,470
General Construction Administration	16	10	26	\$ 5,120		\$ 5,120
Issue Resolution Meetings	8		8	\$ 1,960		\$ 1,960
Change Orders and Work Change Directives	12		12	\$ 2,940		\$ 2,940
Applications for Payment	10		10	\$ 2,450		\$ 2,450
3. Construction Management Services				\$ 154,840	\$ 7,500	\$ 162,340
Construction Manager & Onsite Resident Engineer	632		632	\$ 154,840	\$ 7,500	\$ 162,340
Total	682	26	708	\$ 170,210	\$ 7,500	\$ 177,710

Nitrogen Credit Exchange Buyers and Sellers 2025 **FINAL**

Selling Credits

Plant Name	Equalized Credits	Cost Eq.Lbs Credit at \$0.6141913
STAMFORD WPCF	626.00	\$140,337
NEW HAVEN EAST WPCF	516.00	\$115,677
WATERBURY WPCF	228.60	\$51,248
MERIDEN WPCF	171.50	\$38,447
NORWALK WPCF	151.00	\$33,851
MILFORD HOUSATONIC WPCF	122.61	\$27,487
BRIDGEPORT EAST WPCF	121.55	\$27,249
STRATFORD WPCF	111.22	\$24,933
TORRINGTON WPCF	108.00	\$24,211
BRIDGEPORT WEST WPCF	93.50	\$20,961
WEST HAVEN WPCF	83.40	\$18,697
GREENWICH	79.00	\$17,710
MATTABASSETT WPCF	79.00	\$17,710
FAIRFIELD WPCF	75.65	\$16,959
SOUTHINGTON WPCF	66.15	\$14,829
DANBURY WPCF	61.18	\$13,715
BRANFORD WPCF	49.80	\$11,164
NEW CANAAN WPCF	48.00	\$10,761
WESTPORT WPCF	46.75	\$10,480
NORTH HAVEN WPCF	45.60	\$10,223
MILFORD BEAVER BROOK WPCF	34.17	\$7,660
MANCHESTER WPCF	32.68	\$7,326
NAUGATUCK TREATMENT CO.	26.40	\$5,918
ENFIELD WPCF	24.32	\$5,452
CHESHIRE WPCF	15.19	\$3,405
ROCKY HILL WPCF	15.00	\$3,363
NEWTOWN WPCF	14.26	\$3,197
SIMSBURY WPCF	13.68	\$3,067
RIDGEFIELD SOUTH ST.	13.00	\$2,914
VERNON WPCF	11.78	\$2,641
MONTVILLE WPCF	10.62	\$2,381
THOMASTON WPCF	10.20	\$2,287
NEW LONDON WPCF	9.18	\$2,058
FARMINGTON WPCF	8.82	\$1,977
SEYMOUR WPCF	7.37	\$1,652
PLAINVILLE WPCF	7.02	\$1,574
WINDHAM WPCF	6.75	\$1,513
SUFFIELD WPCF	4.75	\$1,065
GLASTONBURY WPCF	4.20	\$942
EAST HARTFORD WPCF	4.18	\$937
GROTON CITY WPCF	4.14	\$928
EAST WINDSOR WPCF	3.23	\$724
WINDSOR LOCKS WPCF	2.28	\$511
PUTNAM WPCF	2.24	\$502
UConn WPCF	1.95	\$437
GROTON TOWN WPCF	1.80	\$404
STONINGTON MYSTIC WPCF	1.26	\$282
PLAINFIELD VILLAGE WPCF	1.12	\$251
LICHFIELD WPCF	1.05	\$235
STONINGTON PAWCATUCK WPCF	1.02	\$229
PLAINFIELD NORTH WPCF	0.98	\$220
LEDYARD WPCF	0.72	\$161
NORFOLK WPCF	0.70	\$157
STAFFORD SPRINGS WPCF	0.60	\$135
BRISTOL WPCF	0.54	\$121
PORTLAND	0.20	\$45
	3181.91	\$713,320

Buying Credits

Plant Name	Equalized Credits	Cost Eq.Lbs Credit at \$5.26
NORWICH WPCF	95.76	\$183,850
WINDSOR POQUONOCK WPCF	68.59	\$131,686
WALLINGFORD WPCF	66.60	\$127,865
HARTFORD WPCF	41.40	\$79,484
SHELTON WPCF	22.11	\$42,449
EAST HAMPTON WPCF	20.00	\$38,398
BEACON FALLS WPCF	14.07	\$27,013
PLYMOUTH WPCF	13.86	\$26,610
NORTH CANAAN WPCF	5.60	\$10,751
CANTON WPCF	4.50	\$8,640
WINSTED WPCF	3.42	\$6,566
SALISBURY WPCF	3.15	\$6,048
THOMPSON WPCF	3.08	\$5,913
SOUTH WINDSOR WPCF	3.04	\$5,836
SPRAGUE WPCF	1.76	\$3,379
JEWETT CITY WPCF	1.70	\$3,264
KILLINGLY WPCF	1.54	\$2,957
STONINGTON BOROUGH	0.90	\$1,728
NEW MILFORD WPCF	0.46	\$883
DERBY WPCF	0.00	\$0
Total	371.54	\$713,320

The Self-Sufficient Program was approved under Public Act 15-38 in 2016. The program consists of the buyers purchasing the credits

(371.54. equalized at \$5.26) they need to meet their General Permit with those payments (\$713,320) being shared amongst the sellers (3,181.91 equalized at \$0.6141913) proportionally. There will be no State purchase of excess credits. The 2025 year data is traded in 2026.

If the Water Pollution Control Facility discharged more nitrogen than required by its Nitrogen General Permit, the Nitrogen Exchange Program will require payment by July 31, 2026.

The Commissioner will purchase credits by August 15, 2026.

Bold = Project Facilities (is defined as any facility with a fully operational nitrogen removal system of any scale as of January 1st of the trading year).
There is one Project Facility in 2025 (Vernon)

FINAL Nitrogen Credit Exchange Program

Credit Exchange Invoice for CY 2025

NORWALK WPCF

NPDES Permit # CT0101249

End-of-Pipe TN
Discharged (lbs/day)

Credit Exchange Calculation

January	647
February	635
March	683
April	588
May	640
June	565
July	557
August	431
September	452
October	489
November	531
December	584

Permit Limit lbs./day	718
Annual Avg lbs./day	567
E-Factor	1
Credits eq.lbs./day	-151
Cost/Credits	\$0.6141913
Annual Invoice	-\$33,851

Annual Avg	567
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If the Water Pollution Control Facility discharged more nitrogen than required by its Nitrogen General permit, the Exchange Program will require payment.

Please send payment to:

Electronic deposit in financial institution

ACH instructions:

Bank of America

Routing Number: 011900254

Account Name: State of CT Regular Account

Or if by check:

Please Make Checks Payable to:

Office of the State Treasurer

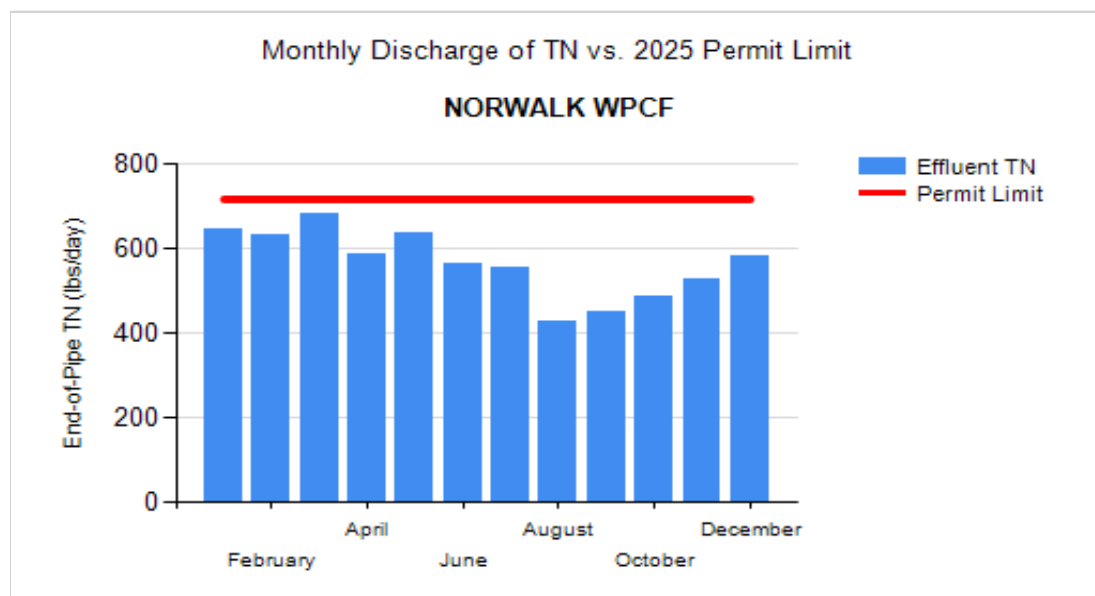
165 Capitol Ave - 2nd Floor

Hartford, CT 06106

Attn: Renae Earlington

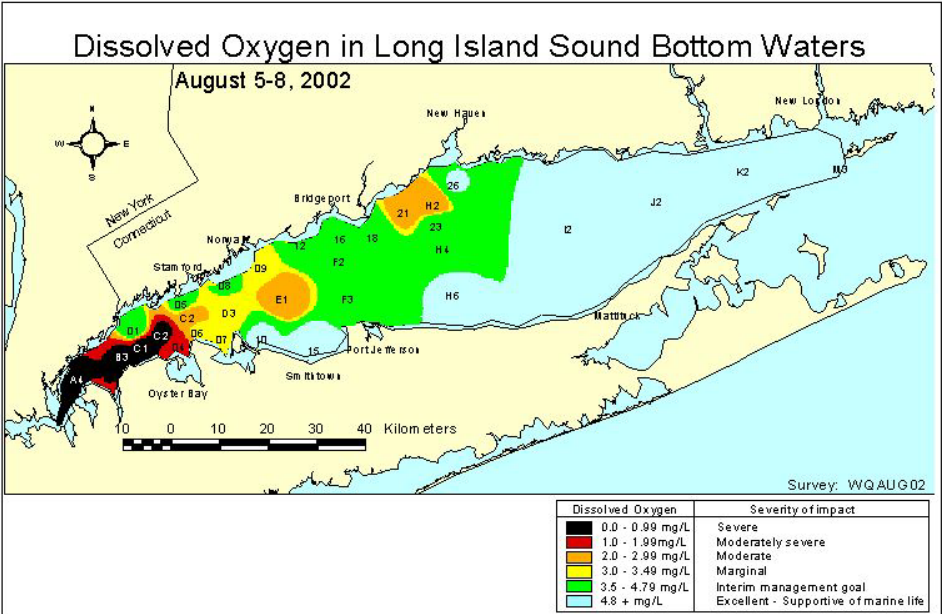
The Commissioner will purchase

(\$33,851)

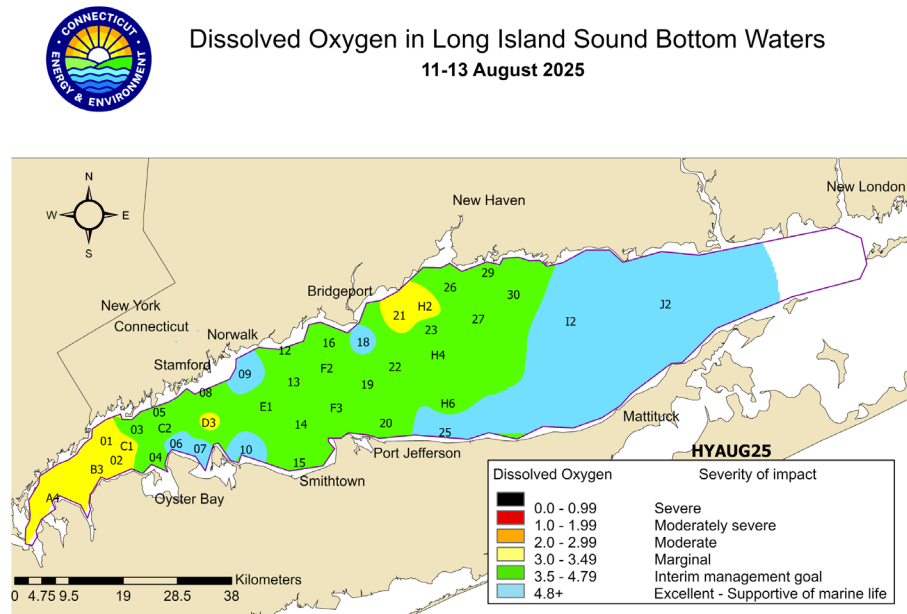


NITROGEN LOAD REDUCTIONS AND DISSOLVED OXYGEN IMPROVEMENTS 2002 - 2024

DO in LIS Bottom Waters 2002



DO in LIS Bottom Waters 2025



Dramatic Improvement in DO Levels

These figures demonstrate the improvement of dissolved oxygen (DO) levels during peak hypoxia season (early August) in LIS bottom waters since 2002. This improvement coincides with the implementation of nitrogen treatment upgrades and the Nitrogen Credit Exchange Program.