



REGULAR MEETING – WATER POLLUTION CONTROL AUTHORITY AGENDA

JULY 21, 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. **CALL TO ORDER**
- II. **ROLL CALL**
- III. **ACCEPTANCE OF MINUTES**
 - A. **Regular Meeting: June 16, 2025**
- IV. **PUBLIC PARTICIPATION**
- V. **OLD BUSINESS**
 - A. **Contract Operations Report:**
 1. **Veolia Monthly Operating Report- June 2025 (copy included)**
 2. **Contract Year 6 – Inflation Adjustment (letters included)**
 - B. **Reports:**

1. FY 24/25 Revenues/Expenditures MUNIS Reports (copy included)
2. Consent Order - 2025 Annual Progress Report (copy included)

C. Discussion on WPCA Engineering Projects:

1. Hubbell's Lane Relief Sewer
2. Final Settling Tank
3. Bettswood Road and Barbara Drive Sewer Separation and Drainage Project

D. Discussion on WPCA Construction Projects:

1. PS- Old Trolley Way Site Improvements
2. PS - Fort Point Improvements
3. Collection- Beacon Street Sanitary Sewer Replacement
4. Collection – Sammis and Bell Island Sewershed Rehabilitation

E. Sewer Use Appeals/Adjustments Update

VI. NEW BUSINESS

VII. DISCUSSION

UPCOMING MEETINGS- MONDAY, AUGUST 18, 2025, 5:30PM.

VIII. ADJOURNMENT

**CITY OF NORWALK
WATER POLLUTION CONTROL AUTHORITY VIA ZOOM VIRTUAL
VIDEOCONFERENCE AND TELECONFERENCE
REGULAR MEETING
June 16, 2025**

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

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

Others: Trever Steeprock, Project Manager, Veolia, Inc.
Ross Gambino, Asst. Project Manager, 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 19, 2025

**** MR. IGNERI MOVED TO APPROVE THE MINUTES AS AMENDED.
** THE MOTION PASSED UNANIMOUSLY.**

V. PUBLIC PARTICIPATION

There were no public comments this evening.

IV. NEW BUSINESS

A. ELECTION OF OFFICERS AND SECRETARY FROM JULY 1, 2025, TO JUNE 30, 2026.

**** MR. MANNELLA MOVED TO NOMINATE THE CURRENT SLATE OF OFFICERS AND SECRETARY.**

***THE MOTION PASSED UNANIMOUSLY.**

B. AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY TO EXECUTE AN AGREEMENT WITH C.J. FUCCI, INC., IN THE AMOUNT OF \$4,362,000.00 FOR THE BEACON STREET SANITARY SEWER REPLACEMENT PROJECT (WPCA 2025-1), (LETTER ATTACHED) ACCOUNT# 09254062-5777-C0361

Mr. Pizighelli stated that six bids were received for the project, and F.J. Fucci was the lowest responsible bidder at \$ 4.3 million. He noted that they were significantly lower than the engineers' estimate. He received feedback from other municipalities regarding recommendations and has not received any negative feedback. It is the staff's recommendation to move forward with F.J. Fucci for this project.

Mr. Frayer asked if the engineer's estimate is what is included in the budget. Mr. Kolb said, "Yes."

**** MR.IGNERI MOVED THE ITEM.**

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

C. 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--1), FOR AN AMOUNT NOT TO EXCEED \$ 436,200.00 ACCOUNT# 09254062-5777-C0361

Mr. Pizighelli said that this item is the typical 10% contingency for any change order monies that may be required for this project.

**** MR. FRAYER MOVED THE ITEM.**

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

VII. OLD BUSINESS

A. Contract Operations Report

1. Veolia Monthly Operating Report- May 2025 (copy included)

Mr. Steeprock reported that the Veolia collections system team completed 0 miles of TV inspection in May because Veolia has invested in a new CCTV computer for the camera truck, which is expected to be operational within a week or so. He said 7.5 miles of sewer cleaning, 72 manhole inspections, 10.15 miles of SL Rat, responding to eight service calls, and cleaning all four final settling tank launders and chlorine contact tanks were completed. The IPP inspection program conducted 29 inspections.

Mr. Steeprock said the facility's nitrogen performance for May was 638 pounds.

Mr. Steeprock said new sprayers were added to aeration tanks two and five in the recycle pump zone to help keep the foam down, and a system was installed to clean the polymer pump and piping, which has improved operations on the centrifuge.

Mr. Steeprock said the facility had another month of heavy rain without experiencing a wet weather event.

Mr. Steeprock stated that all permit requirements were met for May, and all required reports were submitted to the CT DEEP and the EPA.

2. Nitrogen Performance (copy included)

Mr. Steeprock said there was a slight adjustment from what was reported last month. One of the facilities in the program had a data entry error caught during auditing that affected the trading credit price. The WPCA will now receive an award of \$33,720.

B. REPORTS:

1. FY 24/25 REVENUES/EXPENDITURES MUNIS REPORTS (COPY INCLUDED)

There was no discussion.

2. SAVE THE SOUND- 2025 LONG ISLAND SOUND BEACH REPORT SOUND HEALTH EXPLORER (PARTIAL COPY INCLUDED)

LINK TO FULL REPORT: <https://soundhealthexplorer.org/swimmable>

Ms. Pacelli said Save the Sound published its 2025 Long Island Sound Beach report, which was a fairly positive report for Norwalk beaches.

C. DISCUSSION ON WPCA ENGINEERING PROJECTS:

1. DISCUSSION OF SANITARY SEWER EXTENSION REQUEST ON BOUTON STREET (PRESENTATION INCLUDED)

Mr. Kolb said at the May meeting that the WPCA board requested that staff revisit the cost estimate range and present the revisions. He said the proposal was approximately 850' of 8" gravity main and having connections for the parcels to the right of way. He presented the estimated costs and stated that two components are included: the sanitary sewer extension project within the city's right of way, and the second component is the private sewer lateral work, which includes connection and permit fees, among other expenses. The range is \$15,000 to \$25,000. The WPCA team followed the CTDOT bid documents for a cost range and the engineers' estimate, and at a conceptual level, the range was \$600,000 to \$975,000.

Mr. Frayer noted that the savings seem incredible from running the numbers using different guidelines. Ms. Valadares said estimating without a concept design is difficult, but they are considering an allowance for the unknowns.

The WPCA team requested direction from the board. Mr. Oustafine said what he had heard from the folks at the public hearing was that they were not interested in the price that was previously presented. He asked the board if more money should be allocated to obtain a more accurate estimate of the rock, which will be a significant factor in determining the cost of any sewer project. Mr. Kolb clarified that the estimate is per parcel and not the total cost, and the private sewer later is an additional cost each parcel owner bears to connect. Ms. Valadares reminded the board that the freeholder's process is something they can decide to use, or that it can be implemented as a capital improvement project to the collection system, without charging the residents. Even if the board chooses to cover the cost of the major line, there will be some costs associated with each of the properties when the connection is made. Mr. Frayer said he is concerned about the new, significantly lower project cost and whether the project will be approved. Once started, if it is discovered that it would be more expensive, his concern is what the ceiling will be. Ms. Valadares said that before designing the project, borings will be conducted to evaluate the soil, so a more realistic cost can be determined before the project is advertised. Mr. Frayer asked if the cost of the borings is included in the engineering design phase. Ms. Valadares said, "Yes," more than likely, and sometimes, when a design is ready, grants may be available that can be applied for. Mr. Igneri asked how many times there have been projects like this that were declared capital improvement projects, where the residents have not been charged. Ms. Valadares stated that over the past 15 years, no projects have been undertaken, and the existing sewer has been rehabilitated; therefore, there is no charge to the residents. Some developers or individuals have also been interested in extending the sewer where they are working on the project, but the WPCA takes ownership if they follow our guidelines.

Mr. Oustafine said that if the board were to vote for a benefit appraisal, it would be less than \$60,000. The board would be assured the assessment would not pay for the project because we can't charge above whatever that apparent benefit is to the people who live there, but \$60,000 to \$100,000 for an apparent benefit to the home is a lot and probably outside the range of an evident benefit of having a sewer. If the WPCA board is not interested in funding the sewer extension project out of the reserves, the project should not proceed. Still, if we believe the benefit of having a sewer is great and the apparent benefit would likely be in that range, we should probably vote to have a benefit appraisal done to see if it is viable. Mr. Igneri asked if the project was not feasible, and if an alternative could be offered to the residents to help with the drainage issues from the school. Mr. Oustafine said that as the WPCA, he does not think they can decide on storm sewers or drainage, and the only alternative would be to choose to fund the project from the reserve account, which is not typically done because rate payers in other areas will subsidize the sewer extension. Typically, residents in the project area are responsible for paying for the sewer extension.

Mr. Mannella asked if it reaches the point where the sewer is leaking into the road due to the septic tanks failing, and there is no viable option to replace the septic system, nor is a design in place, if the house will be condemned. Mr. Kolb said in his discussions with the health department that some modifications can be made to the septic system, but no improvements to the house would be allowed.

Mr. Frayer asked, although it was not a WPCA issue, one of the residents pointed to the drainage from the football field, which was causing flooding in their yards, and wondered if there was any merit to that. Ms. Valadares said there are numerous issues on Bouton Street related to drainage, not only affecting the school, but also the road itself. However, there is a physical restraint due to the watershed that drains under the tracks. A study was conducted a few years ago, but it has not been followed up on because improving the drainage in that area would be extremely expensive to the city. To implement that drainage improvement, we need to secure an easement so that the drainage issue in that area can be easily resolved.

Mr. Mannella suggested that the staff move forward with 30% to 40% of the design to manage the cost better. Mr. Oustafine asked the staff if they knew the cost. Ms. Valadares said that the staff would get some proposals and present the cost to the board.

2. HUBBELL'S LANE RELIEF SEWER

Ms. Pacelli said the Hubbell's Lane sewer relief project is progressing to 100% design. Due to a utility conflict, some redesign was needed for the intersection on East Avenue and East Wall Street, so the product will now progress towards the final design.

3. FINAL SETTLING TANKS

Ms. Pacelli said the design of the final settling tanks is progressing toward 30%. We have a workshop scheduled this week to discuss the development of the basis for the design report.

D. DISCUSSION ON WPCA CONSTRUCTION PROJECTS:

1. COLLECTION- SAMMIS AND BELL ISLAND SEWERSHED REHABILITATION

Mr. Kolb said Insituform has been working on manhole rehabilitations and lateral grouting at the connections. Shortly after July 4th, crews will finish the CIPP lining. They are still on schedule and anticipate that all the work will be completed by the end of September.

2. PS- OLD TROLLEY WAY SITE IMPROVEMENTS

Ms. Pacelli stated that the Old Trolley Way pump station site improvements were completed last month, and the only remaining portion of work is the fencing, which is expected to be finished soon.

3. PS- FORT POINT IMPROVEMENTS

Ms. Pacelli said the WPCA team continues to coordinate with the Walk Bridge team to discuss the coordination efforts for the improvements at the Fort Point pump station, which are scheduled to begin in early fall.

VII. DISCUSSION

There was no discussion this evening.

VIII. ADJOURNMENT

**** MR.IGNERI MOVED TO ADJOURN**
**** THE MOTION PASSED UNANIMOUSLY.**
The meeting was adjourned at 6:14 PM.

Respectfully submitted,

Dilene Byrd

Norwalk Water Pollution Control Authority
Monthly Operating Report
June 2025

EXECUTIVE SUMMARY

June Highlights

- The Veolia collections system team completed 0.57 miles of TV inspection, 6.20 miles of sewer cleaning was completed, 140 Manhole Inspections, and 7.7 miles of SL Rat.
- Veolia responded to 6 service calls.
- Veolia installed new level monitoring in both Bisulfite storage tanks.
- The IPP inspection program conducted 32 inspections.
- The facility's Nitrogen Performance for June was 566 lbs.
- Veolia repaired Primary Tank #4 by removing concrete and other debris from the cross collector.
- Old Trolley Way fencing and paving at the pump station is complete.

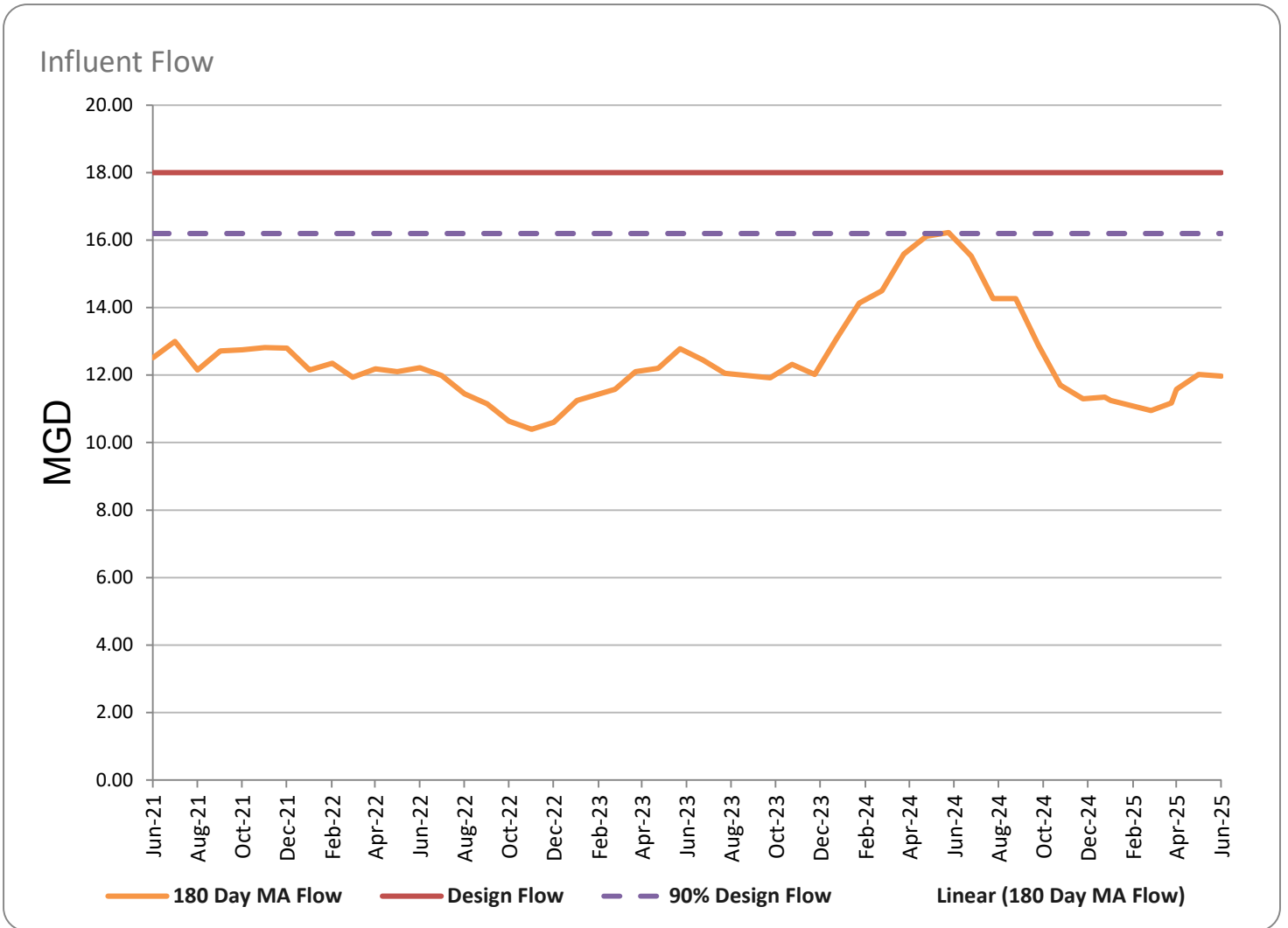
Regulatory Events

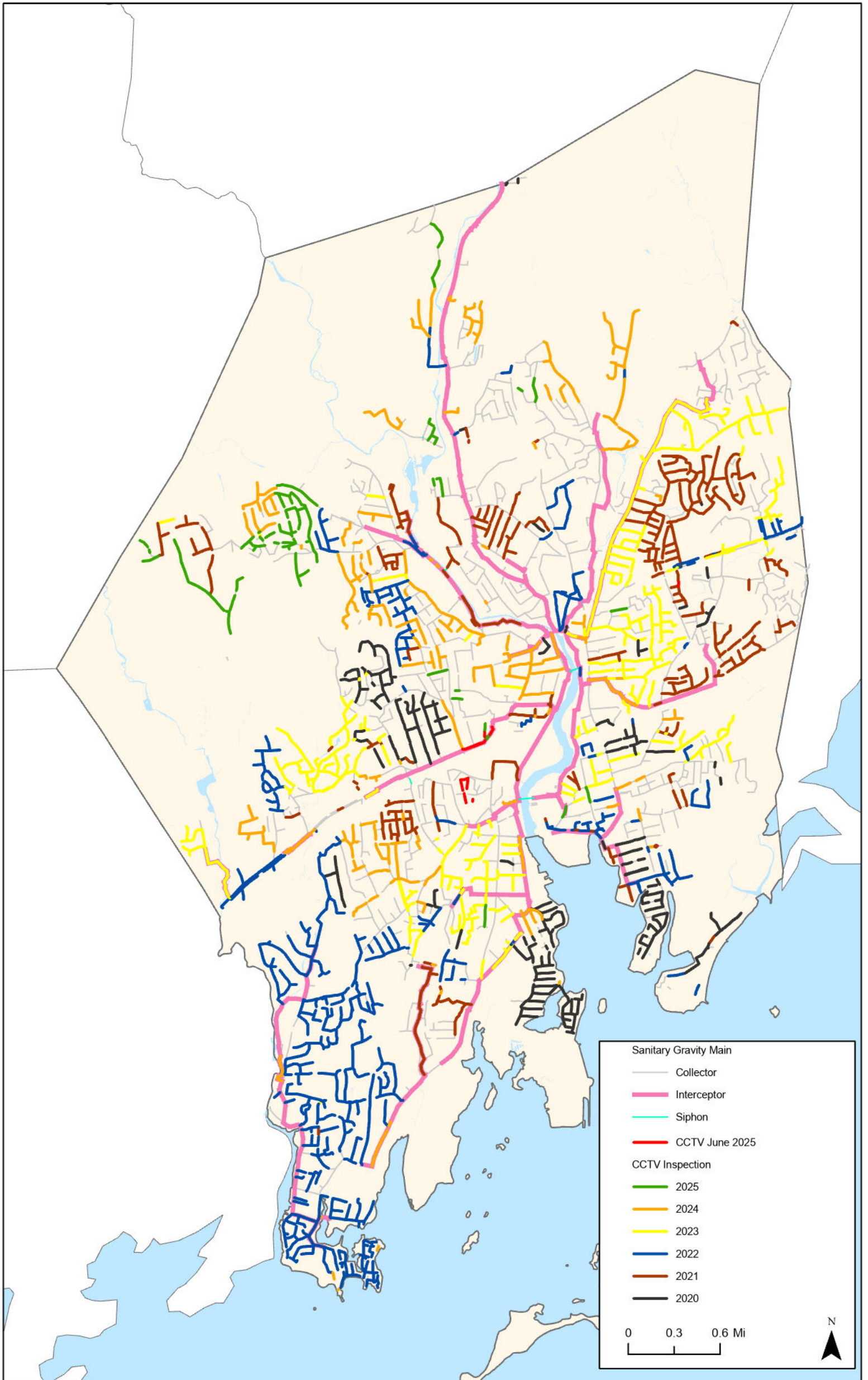
- The Water Pollution Control Facility followed all permit requirements for the month of June.
- The netDMR, MOR, NAR, and ATMR reports were submitted to CT-DEEP and EPA in June.
- The Quarterly Sludge Report was sent to Synagro.

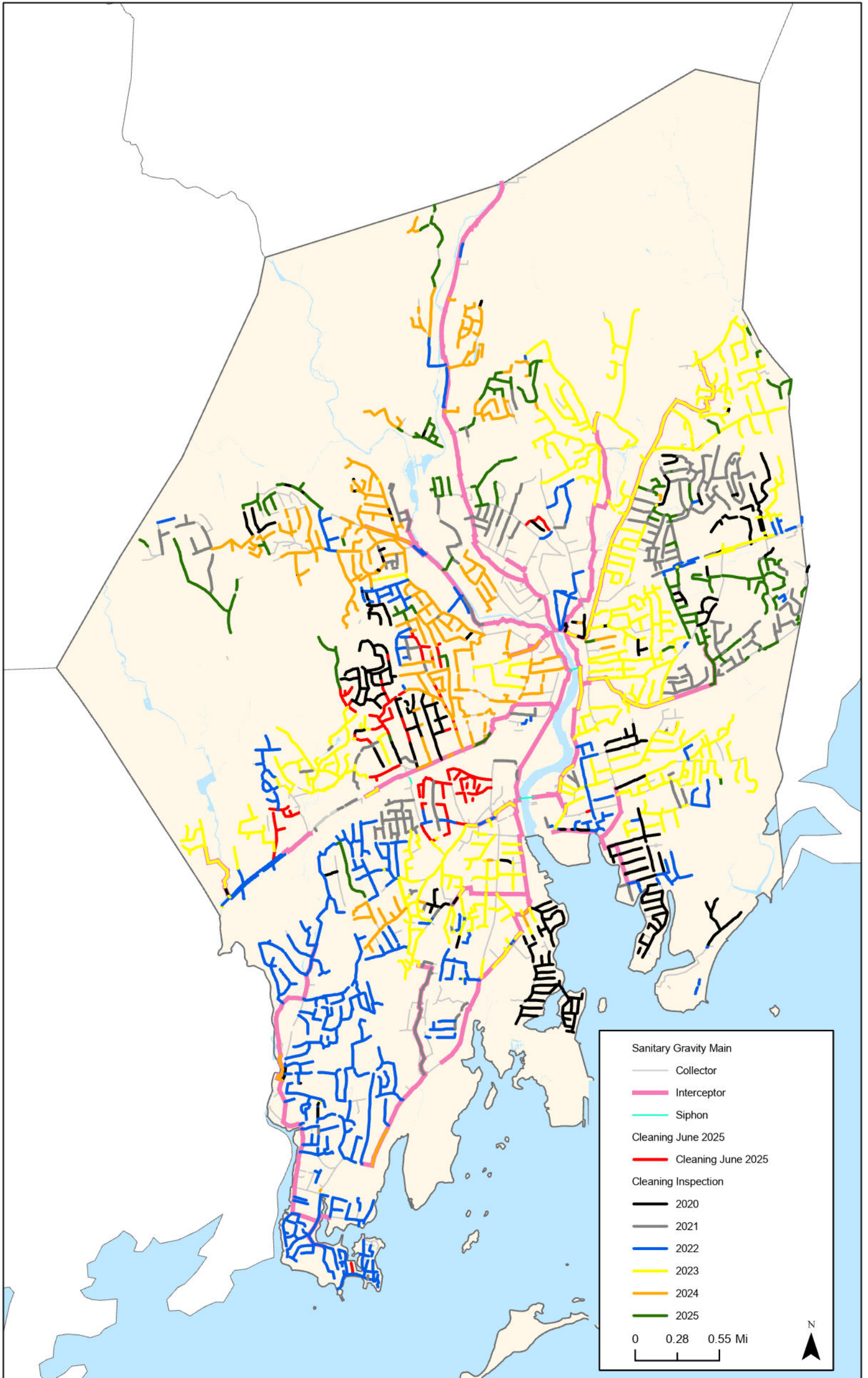
EXECUTIVE SUMMARY - Key Operational Parameters`

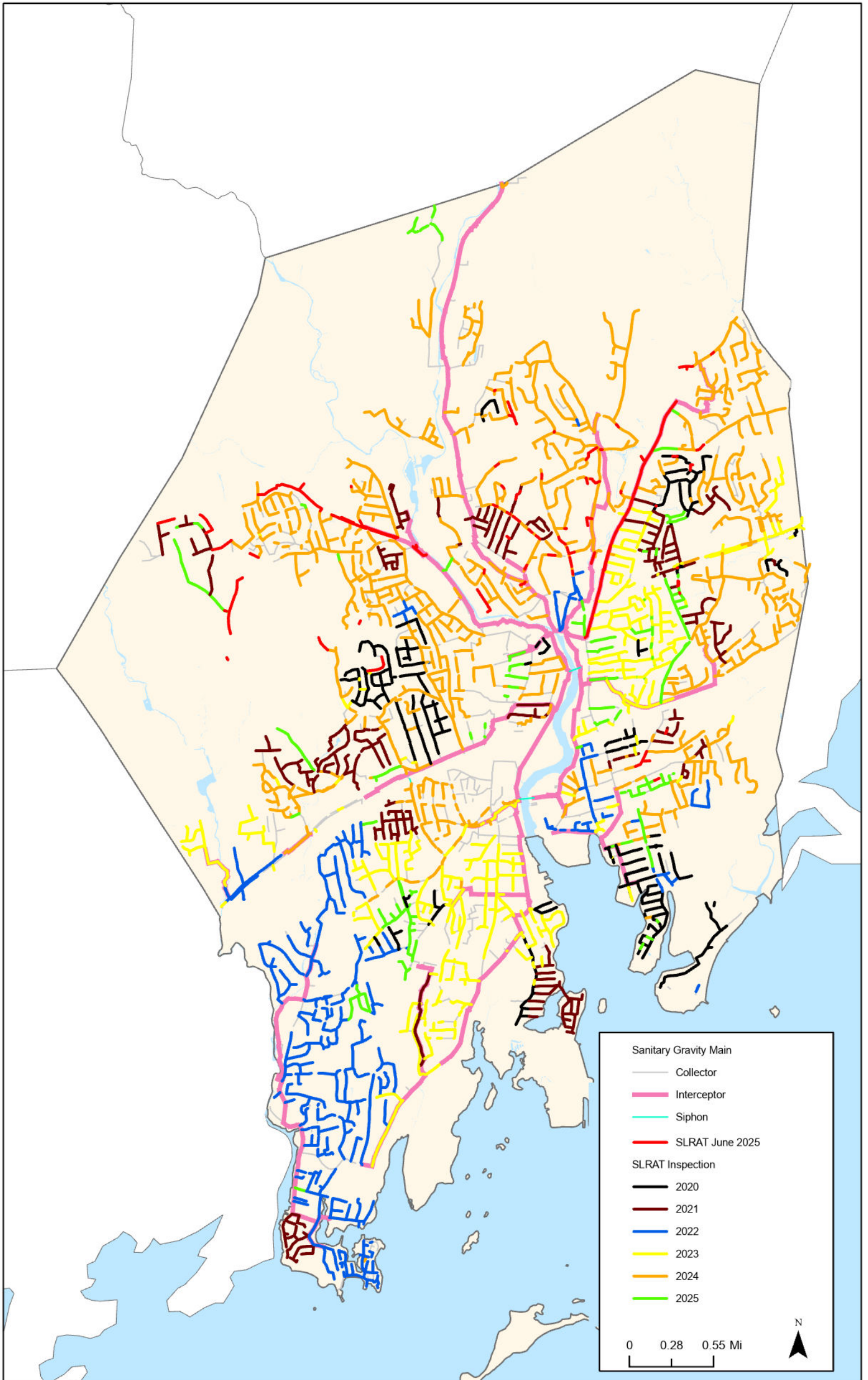
| Parameter | Units | June Result | CYTD Result | Contract Limit |
|----------------------------|------------|-------------|-------------|------------------|
| Average Daily Flow | MGD | 11.30 | n/a | n/a |
| 180 Day Average Daily Flow | MGD | 11.97 | n/a | n/a |
| Effluent BOD | mg/l | 4.4 | n/a | 10 |
| Effluent TSS | mg/l | 4.4 | n/a | 10 |
| Effluent Fecal Coliform | # / 100 ml | 5 | n/a | 10 |
| Effluent Enterococci | # / 100 ml | 9 | n/a | 30 |
| Effluent Total Chlorine | mg/l | 0.02 | n/a | 0.07 |
| Effluent Total Nitrogen | lbs/day | 566 | n/a | 1,000 |
| Biosolids Quality (cake) | % solids | 30 | n/a | n/a |
| Biosolids Disposal (cake) | DT/month | 246 | n/a | n/a |
| Biosolids Disposal (liq) | DT/month | 12 | n/a | n/a |
| Biosolids Disposal (total) | DT/month | 258 | n/a | n/a |
| Grit and Screenings | WT/month | 6 | n/a | n/a |
| Chemicals – Hypochlorite | gal/month | 6456 | n/a | n/a |
| Chemicals – Bisulfite | gal/month | 5102 | n/a | n/a |
| Chemicals – Polymer | gal/month | 600 | n/a | n/a |
| Chemicals – Odor Control | gal/month | 0 | n/a | n/a |
| Sewer Cleaning | Miles | 6.20 | 38.18 | 3 miles (avg) |
| CCTV Inspection | Miles | 0.57 | 14.57 | 2 miles (avg) |
| Odor Complaints | # | 0 | n/a | 0 |
| SL-RAT Inspection | Miles | 7.7 | 70.27 | 60 months |
| Manhole Inspections | # | 140 | 546 | 50/m |
| IPP Inspections | # | 32 | 385 | Approx. 500/year |

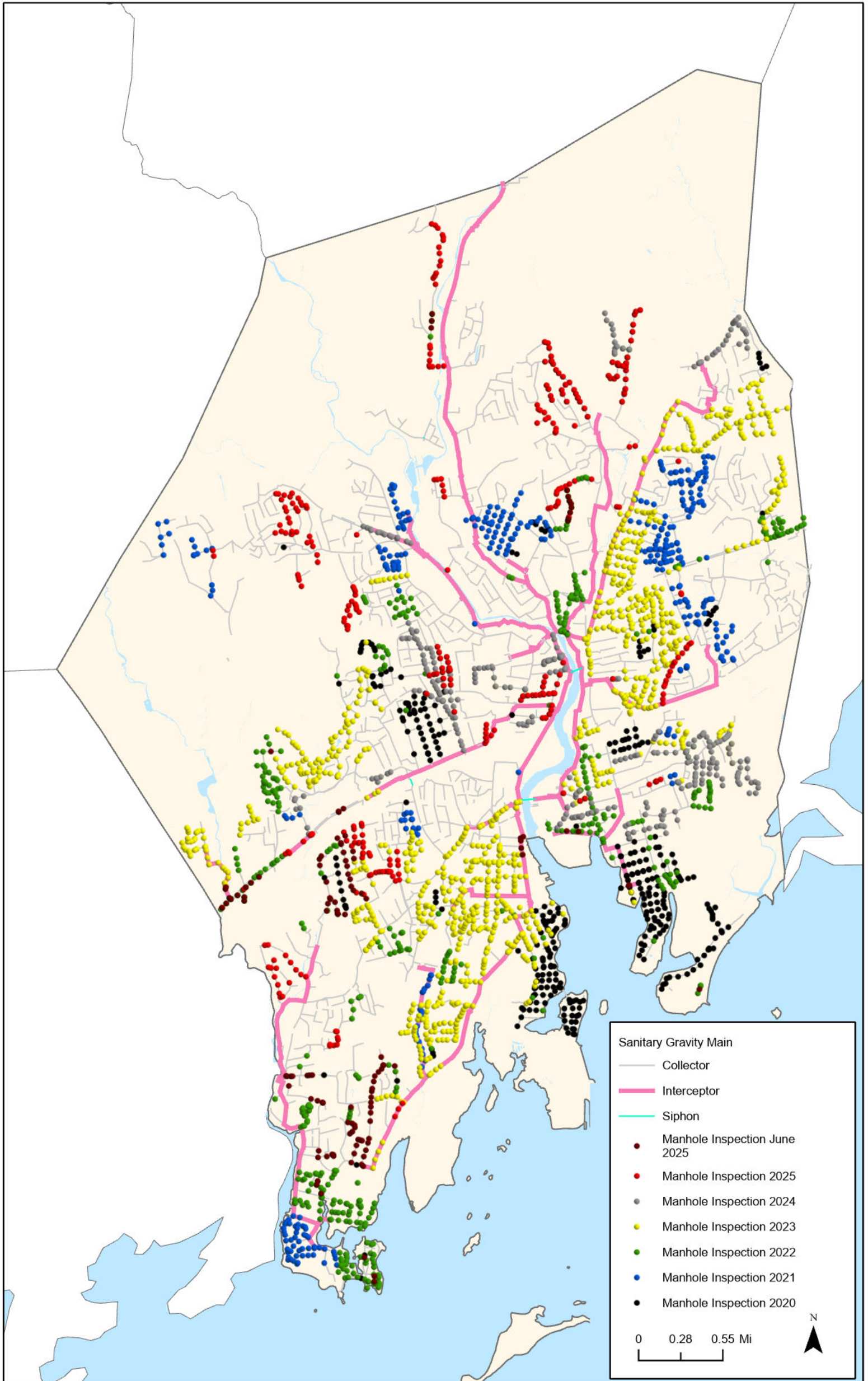
EXECUTIVE SUMMARY - Influent Flow











Sanitary Gravity Main

- Collector
- Interceptor
- Siphon

Manhole Inspection

- June 2025
- 2025
- 2024
- 2023
- 2022
- 2021
- 2020

0 0.28 0.55 Mi

N





July 10, 2025

Trevor Steeprook
Project Manager
Veolia
60 South Smith Street
Norwalk, CT 06855

Subject: Inflation Adjustment of the Annual Base Service Fee – Year 6

Dear Mr. Steeprook:

The Norwalk WPCA is in receipt of your June 30, 2025 letter received via email for Inflation Adjustment of the Annual Base Service Fee for Contract Year 6. WPCA has reviewed the backup calculation sheets and agree with the inflation increase of 3.3 percent reflecting an annual increase amount of \$303,986.64.

Sincerely,

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

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

cc: WPCA Board Members
Vanessa Valadares, P.E., Chief of Operations and Public Works
Chris Torre, Superintendent of Operations
Christine Pacelli, EIT, Wastewater Systems Manager
Michael Burke, Veolia



June 30, 2025

Mr. Ralph Kolb
 Senior Environmental Engineer
 City of Norwalk
 15 South Smith Street
 Norwalk, CT 06855

Subject: Inflation Adjustment of the Annual Base Service Fee – Year 6

Dear Mr. Kolb,

Veolia is pleased to present the following Inflation Adjustment of the Annual Base Service Fee for Year 6 as detailed in Section 10.2 of the Wastewater System Operations, Maintenance & Management Agreement.

| | | | |
|-----------------------------|--|-----------------|-----------------|
| CPI Adjustment (%) | | | 3.20% |
| ECI-SUM Adjustment (%) | | | 3.33% |
| Annual Inflation Adjustment | | | 1.033 |
| | | CY-5 | CY-6 |
| Annual O&M Costs | | \$ 8,523,436.29 | \$ 8,804,709.69 |
| Collections CRSF | | \$ 292,380.37 | \$ 302,028.92 |
| ETERF Contribution | | \$ 395,899.89 | \$ 408,964.58 |
| Annual Base Service Fee | | \$ 9,211,716.55 | \$ 9,515,703.19 |
| Annual Increase Amount | | | \$ 303,986.64 |

In addition, the following components of the agreement have been adjusted for contract year 6 as follows:

| Contract Item | CY5 | AIF | CY6 |
|--|--------------|-------|--------------|
| IPP Adjustment | \$ 1,754.36 | 1.033 | \$ 1,812.25 |
| Effluent Guarantee Limits (Sec 7.2A) | \$ 584.79 | 1.033 | \$ 604.09 |
| | \$ 11,695.71 | 1.033 | \$ 12,081.67 |
| Odor Non-Compliance (Sec 7.3) | \$ 584.79 | 1.033 | \$ 604.09 |
| | \$ 1,169.57 | 1.033 | \$ 1,208.17 |
| | \$ 1,754.36 | 1.033 | \$ 1,812.25 |
| | \$ 3,508.72 | 1.033 | \$ 3,624.51 |
| Environmental Guarantee (Sec 7.4B) | \$ 584.79 | 1.033 | \$ 604.09 |
| | \$ 1,169.57 | 1.033 | \$ 1,208.17 |
| | \$ 1,754.36 | 1.033 | \$ 1,812.25 |
| | \$ 3,508.72 | 1.033 | \$ 3,624.51 |
| Environmental Guarantee (Sec 7.4C and D) | \$ 5,847.86 | 1.033 | \$ 6,040.84 |
| | \$ 11,695.71 | 1.033 | \$ 12,081.67 |
| | \$ 23,391.46 | 1.033 | \$ 24,163.38 |
| Admin Sanctions (Sec 7.7B) | \$ 584.79 | 1.033 | \$ 604.09 |
| Performance Incentive (Sec 7.10A) | \$ 5,847.86 | 1.033 | \$ 6,040.84 |
| Maintenance Repair and Replacement (Sec 8.10C) | \$ 11,695.71 | 1.033 | \$ 12,081.67 |



| | | | |
|---|---------------|-------|---------------|
| Collections System Repair Fund (Sec 8.2E) | \$ 292,380.37 | 1.033 | \$ 302,028.92 |
| End of Term Replacement Fund (Sec 8.3A) | \$ 395,899.88 | 1.033 | \$ 408,964.58 |
| Sewer Back-up Liability (Sec 11.3) | \$ 58,478.57 | 1.033 | \$ 60,408.36 |
| Subcontractors (Sec 14.8B) | \$ 29,239.28 | 1.033 | \$ 30,204.18 |

Attached also for your use are the back-up calculation sheets and BLS statistics used to determine the adjustment. Should you require additional information, please do not hesitate to contact me.

Sincerely,

Trevor Steeprook

Trevor Steeprook
Project Leader
Cc: Michael Burke Veolia

Veolia North America
60 S. Smith St.
Norwalk, CT 06855
203.395.6248

www.veolianoorthamerica.com

YEAR-TO-DATE BUDGET REPORT

FOR 2025 99

| ACCOUNTS FOR: | ORIGINAL | TRANFRS/ | REVISED | | | AVAILABLE | PCT |
|----------------------------|----------|----------|---------|--------------|--------------|-----------|------|
| 22 WATER POLLUTION CONTROL | APPROP | ADJSTMTS | BUDGET | YTD EXPENDED | ENCUMBRANCES | BUDGET | USED |

040 PUBLIC WORKS

224062 WATER POLLUTION CONTROL

| | | | | | | | |
|-------------------------------|-------------|---|-------------|----------------|-----|--------------|--------|
| 224062 4051 INTEREST | -65,000 | 0 | -65,000 | -99,671.86 | .00 | 34,671.86 | 153.3% |
| 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 | -1,600.00 | .00 | 100.00 | 106.7% |
| 224062 4453 SEPTIC LIC | -1,200 | 0 | -1,200 | -1,500.00 | .00 | 300.00 | 125.0% |
| 224062 4513 SEWER CHRG | -18,747,000 | 0 | -18,747,000 | -19,164,768.82 | .00 | 417,768.82 | 102.2% |
| 224062 4516 SPT DIS FE | -175,000 | 0 | -175,000 | -225,815.00 | .00 | 50,815.00 | 129.0% |
| 224062 4521 WILTON SU | -850,000 | 0 | -850,000 | -1,705,108.46 | .00 | 855,108.46 | 200.6% |
| 224062 4522 SEWER USE | -45,000 | 0 | -45,000 | -93,121.00 | .00 | 48,121.00 | 206.9% |
| 224062 452C INDUSTRIAL | -175,000 | 0 | -175,000 | -189,557.48 | .00 | 14,557.48 | 108.3% |
| 224062 452D SEWER CONN | -150,000 | 0 | -150,000 | -312,547.15 | .00 | 162,547.15 | 208.4% |
| 224062 452E IPP INTERE | -5,000 | 0 | -5,000 | -8,640.65 | .00 | 3,640.65 | 172.8% |
| 224062 4807 REIMB EXP | -1,000 | 0 | -1,000 | .00 | .00 | -1,000.00 | .0% |
| 224062 489F REIMB GF | -139,806 | 0 | -139,806 | -139,806.00 | .00 | .00 | 100.0% |
| 224062 4901 INV INCOME | -110,000 | 0 | -110,000 | -206,453.57 | .00 | 96,453.57 | 187.7% |
| TOTAL WATER POLLUTION CONTROL | -20,495,506 | 0 | -20,495,506 | -22,197,788.99 | .00 | 1,702,282.99 | 108.3% |
| TOTAL PUBLIC WORKS | -20,495,506 | 0 | -20,495,506 | -22,197,788.99 | .00 | 1,702,282.99 | 108.3% |
| TOTAL WATER POLLUTION CONTROL | -20,495,506 | 0 | -20,495,506 | -22,197,788.99 | .00 | 1,702,282.99 | 108.3% |
| TOTAL REVENUES | -20,495,506 | 0 | -20,495,506 | -22,197,788.99 | .00 | 1,702,282.99 | |

YEAR-TO-DATE BUDGET REPORT

FOR 2025 99

| ACCOUNTS FOR: | ORIGINAL APPROP | TRANFRS/ADJSTMTS | REVISED BUDGET | YTD EXPENDED | ENCUMBRANCES | AVAILABLE BUDGET | PCT USED |
|---------------|-----------------|------------------|----------------|--------------|--------------|------------------|----------|
|---------------|-----------------|------------------|----------------|--------------|--------------|------------------|----------|

040 PUBLIC WORKS

224062 WATER POLLUTION CONTROL

| | | | | | | | |
|-------------------------------|------------|---------|------------|---------------|------------|------------|--------|
| 224062 5110 WAGES & SA | 706,026 | 0 | 706,026 | 592,172.68 | .00 | 113,853.32 | 83.9% |
| 224062 5120 WAGES & SA | 100,000 | 0 | 100,000 | 3,708.88 | .00 | 96,291.12 | 3.7% |
| 224062 5140 WAGES & SA | 36,000 | 0 | 36,000 | .00 | .00 | 36,000.00 | .0% |
| 224062 5150 LONGEVITY | 1,150 | 0 | 1,150 | 1,225.00 | .00 | -75.00 | 106.5% |
| 224062 5235 MEMBERSHIP | 10,000 | 0 | 10,000 | 297.50 | .00 | 9,702.50 | 3.0% |
| 224062 5241 ELECTRIC | 1,607,400 | 0 | 1,607,400 | 1,612,270.34 | 84,576.19 | -89,446.53 | 105.6% |
| 224062 5245 TELEPHONE | 2,000 | 0 | 2,000 | 957.52 | .00 | 1,042.48 | 47.9% |
| 224062 5252 LEGAL SERV | 250,000 | 0 | 250,000 | 133,645.00 | 16,355.00 | 100,000.00 | 60.0% |
| 224062 5258 OMI | 10,795,100 | 692,522 | 11,487,622 | 11,312,433.95 | 175,187.97 | .00 | 100.0% |
| 224062 5286 BUSINESS E | 32,000 | 0 | 32,000 | 27,302.17 | 2,310.43 | 2,387.40 | 92.5% |
| 224062 5295 SEMINAR&CO | 20,000 | 0 | 20,000 | 8,296.24 | .00 | 11,703.76 | 41.5% |
| 224062 5298 OTHER | 250,000 | 4,500 | 254,500 | 82,940.23 | 16,700.00 | 154,859.77 | 39.2% |
| 224062 5418 INSURANCE | 88,950 | 0 | 88,950 | 88,950.00 | .00 | .00 | 100.0% |
| 224062 5428 BENEFITS | 376,312 | 0 | 376,312 | 376,312.00 | .00 | .00 | 100.0% |
| 224062 5521 PRINCIPAL | 3,248,691 | 0 | 3,248,691 | 3,154,022.21 | .00 | 94,668.79 | 97.1% |
| 224062 5522 INTEREST | 1,887,129 | 0 | 1,887,129 | 1,872,551.67 | .00 | 14,577.33 | 99.2% |
| 224062 5523 BOND EXP | 0 | 0 | 0 | 48,170.00 | .00 | -48,170.00 | 100.0% |
| 224062 5651 TO G/F | 763,653 | 0 | 763,653 | 763,653.00 | .00 | .00 | 100.0% |
| 224062 5741 IT HARDWAR | 60,000 | 0 | 60,000 | 31,393.77 | .00 | 28,606.23 | 52.3% |
| 224062 5789 RESERVE | 261,095 | 0 | 261,095 | .00 | .00 | 261,095.00 | .0% |
| TOTAL WATER POLLUTION CONTROL | 20,495,506 | 697,022 | 21,192,528 | 20,110,302.16 | 295,129.59 | 787,096.17 | 96.3% |
| TOTAL PUBLIC WORKS | 20,495,506 | 697,022 | 21,192,528 | 20,110,302.16 | 295,129.59 | 787,096.17 | 96.3% |
| TOTAL WATER POLLUTION CONTROL | 20,495,506 | 697,022 | 21,192,528 | 20,110,302.16 | 295,129.59 | 787,096.17 | 96.3% |
| TOTAL EXPENSES | 20,495,506 | 697,022 | 21,192,528 | 20,110,302.16 | 295,129.59 | 787,096.17 | |

VIA ELECTRONIC MAIL

June 26, 2025

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)
2025 Annual Progress Report

Dear Mr. Bokhari,

Please find attached for your records a copy of the 2025 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*)
Chris Torre, DPW (*via Electronic Mail*)
Christine Pacelli, WPCA (*via Electronic Mail*)
Trevor Steeprook, Veolia (*via Electronic Mail*)

June 26, 2025

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)
2025 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 2024 Annual Progress Report filed June 26, 2024.

Progress Report June 2025

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 2022 and expires in January 2026. The WPCA expects to extend the current contract with Arcadis in advance of January 2026.

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.

On February 20, 2024, the City, WPCA and DEEP met to discuss the Amended Master Plan and the Facility Plan Update, which 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. On July 9, 2024¹, the City received follow-up correspondence from DEEP providing comments on the topics of the February 20, 2024 meeting and requesting additional documents. The City provided a response to DEEP on November 1, 2024, as discussed further on pages 6-8 of this Progress Report.

Since its 2024 Annual Progress Report filed June 26, 2024, 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:

¹ The DEEP correspondence was dated June 17, 2024, but was received via electronic mail on July 9, 2024.

- The WPCA has issued a base contract with Insituform Technologies, LLC for sewer rehabilitation in the low lying and coastal areas of Sammis Street and Bell Island pump station sewer sheds in the southwest part of Norwalk. In addition to other benefits, the project will prevent infiltration into the wastewater collection system from storm-impacted and tidal areas, and high groundwater.
 - The original scope of the project included cured-in-place pipe (CIPP) lining² of over 38,800 feet of gravity sewer main ranging in diameter from 8- to 24-inches, manhole cementitious lining, and lateral grouting.
 - In May 2024, the scope of the project was expanded to include additional CIPP lining of approximately 12,000 feet of gravity sewer main, manhole cementitious lining, and lateral grouting in the Marvin Beach Pump Station sewer shed area and some additional locations.
 - In June 2024, the scope of the project was expanded further to include additional CIPP lining of approximately 15,000 feet of gravity sewer main, manhole cementitious lining, and lateral grouting in the Woodward Ave and Shady Beach Pump Station sewer sheds, easement, and hot spot locations.
 - Following these scope expansions and once completed, the project will include over 70,000 feet of CIPP lining.

- The WPCA and Veolia, the WPCA’s contract operator, continue to contract with Green Mountain Pipeline Services to implement CIPP lining throughout the City to reduce inflow and infiltration to the wastewater collection system.
 - In May 2024, Veolia engaged Green Mountain Pipeline Services to rehabilitate all 8-inch and 15-inch collection system gravity mains within the Colonial Village area of the City. Green Mountain Pipeline Services has since completed this work.

- 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

² Before and after images showing the significant beneficial impacts of pipe lining can be found here on the WPCA’s website: <https://www.norwalkwpc.org/system-information/collection-system/>

collection system. The project will cost approximately \$12.9 million over five years.

- Seven (7) catch basins have been disconnected since filing the 2024 Annual Report.³ They are:
 - Asset ID No. 1001: Sniffen Street
 - Asset ID No. 10345: Clay Street
 - Asset ID No. 49214: Spicewood Road
 - Asset ID No. 4014: 6 Byselle Place
 - Asset ID No. 4015: 5 Byselle Place
 - Asset ID No. 14919: 8 Byselle Place
 - Asset ID No. 10312: 115 Flax Hill Road
- 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 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 completion of this project by June 2026.
- The Hubbells Lane Relief Sewer project is currently at 90% design. The project will install about 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’s Dreamy Hollow project, which includes improvements to both the storm and wastewater infrastructure, is now complete.

³ Three (3) of these catch basins are among the forty-three (43) included in the Catch Basin Disconnection Program. They are assets 1001, 10345, and 49214.

- WPCA has upgraded the infrastructure in this area by replacing approximately 3,000 feet of existing piping with new PVC pipe, which will reduce infiltration into the wastewater collection system from storm-impacted areas.
- The WPCA disconnected two (2) catch basins from the wastewater collection system in this area and extended the storm drains in 2024.
- 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.
 - Bids for construction of the project opened on June 11, 2025, and the WPCA received six (6) separate bids. Once a contract is executed, the project is expected to take up to one (1) year to complete.

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 advancing elimination of 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 advance elimination of 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.

- As noted above, 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. 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 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.

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.

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.

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 WPCA requested that DEEP consider this project eligible for the Clean Water Fund program and DEEP issued an Engineering Agreement Approval on February 5, 2025.

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.



The approval is included here as Attachment A. It is anticipated that bids for the project will be received by June 30, 2026.

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.

Ralph K. Kolb

Signature

6/26/2025

Date

Ralph K. Kolb, P.E.

Name

Sr. Environmental Engineer

Title